

2006

The Uniform Soybean Tests: Northern Region 2006

T. Scott Abney

USDA-ARS Crop Production and Pest Control Research Unit

Wad D. Crochet

Department of Botany and Plant Pathology

Follow this and additional works at: <https://docs.lib.purdue.edu/ars>

Recommended Citation

Abney, T. Scott and Crochet, Wad D., "The Uniform Soybean Tests: Northern Region 2006" (2006). *Uniform Soybean Tests Northern Region*. Paper 68.

<https://docs.lib.purdue.edu/ars/68>

This document has been made available through Purdue e-Pubs, a service of the Purdue University Libraries. Please contact epubs@purdue.edu for additional information.

THE UNIFORM SOYBEAN TESTS

NORTHERN REGION

2006



UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
WEST LAFAYETTE, INDIANA

COOPERATING WITH
STATE AGRICULTURAL EXPERIMENT STATIONS
NORTHERN STATES



Agriculture
Research
Service
www.ars.usda.gov

UNIFORM SOYBEAN TESTS

NORTHERN STATES

2006

USDA-ARS
Crop Production and Pest Control Research Unit
Department of Botany and Plant Pathology
Purdue University
915 West State St.
West Lafayette, IN 47907

COORDINATED BY:

T. Scott Abney
Wad D. Crochet

The USDA-Agricultural Research Service does not vouch for the authenticity of either the parentage or ancestry of entries in the Uniform Soybean Tests. This agency is not responsible for the accuracy of data submitted to and included in The Uniform Test Report.

All programs and services of the U. S. Department of Agriculture are offered on a nondiscriminatory basis without regard to race, national origin, religion, sex, age, marital status, or handicap.

RR refers to Roundup Ready[®]. Roundup Ready[®] is a registered trademark of Monsanto Technology LLC.

2006 UNIFORM SOYBEAN TESTS NORTHERN STATES

Data Compiled by:

Wad D. Crochet
Department of Botany and Plant Pathology
Purdue University, W. Lafayette, IN 47907-1150
Office phone 765-583-2952
FAX 765-496-3452
Email: wcrochet@purdue.edu
<http://www.btny.purdue.edu/pubs/#usda>

TABLE OF CONTENTS

Uniform Test Participants, 2006	1
Introduction	7
Policy on Evaluation and Release of Strains	7
Strain Designations	8
Methods	9
Disease Methods	11
Procedure for Testing and Release of Strains	12
Uniform Test Strains Released in 2006	14
Soybean Cyst Nematode Evaluations	15
Identification of Parent Strains 2006	18
Uniform Test Locations 2006	26
Disease, Shattering, and Descriptive Data 2006	28
Uniform Test 00	29
Uniform Test 0	42
Preliminary Test 0	50
Uniform Test I	62
Preliminary Test I	82
Uniform Test II	101
Preliminary Test IIA	121
Preliminary Test IIB	139
Uniform Test III	158
Preliminary Test IIIA	169
Preliminary Test IIIB	181
Uniform Test IV	193
Uniform Test 00-RR	213
Uniform Test 0-RR	226
Uniform Test I-RR	246
Preliminary Test I-RR	266
Uniform Test II-RR	278
Preliminary Test II-RR	290
Uniform Test III-RR	302
Uniform Test IV-RR	321

ACKNOWLEDGEMENTS

The cooperation of JoDean Sarins, Cynthia Ruder, and Dr. Warren Rayford, NCAUR Unit Laboratory, Peoria, Illinois, in analyses of samples for protein and oil content, and the collaboration of Dr. Terri Niblack, Dept. of Crop Science, University of Illinois, in evaluations of Uniform Test Samples for Soybean Cyst Nematode is gratefully acknowledged. The assistance of Brian Foss, Dave Smith, Debra Hall, Caroline Logan, and Richard Smith in packeting, and distributing seed is sincerely appreciated.

The Uniform Soybean Test is conducted and managed as a component of a CRIS project on Enhancing Soybean Seed Composition and Pest Resistance in the USDA-ARS Crop Production and Pest Control Unit at West Lafayette, Indiana. The lead scientist for the CRIS Unit is Dr. Scott Abney.

2006 UNIFORM TEST PARTICIPANTS

Uniform Test Cooperator:

Gary R. Ablett
Ridgetown College
Main Street East
Ridgetown, Ontario
Canada NOP 2CO
Ph: 519-674-1505
FAX: 519-674-1515
Email: gablett@ridgetownc.uoguelph.ca

T. Scott Abney, USDA-ARS
Dept. of Botany and Plant Pathology
Purdue University
West Lafayette, IN 47907-1155
Ph: 765-494-9859
FAX: 765-496-3452
Email: abney@purdue.edu

Prakash R. Arelli, USDA-ARS
605 Airways Blvd.
Jackson, TN 38301
Ph: 731-425-4741
FAX: 731-425-4760
Email: parelli@ars.usda.gov

Al Sloan
Agriculture and Agri-food Canada
Morden Research Center
Unit 100-101 Route 100
Morden, Manitoba
Canada R6M 1Y5
Ph: 204-822-7256
FAX: 204-822-7207
Email: asloan@agr.gc.ca

Glenn R. Buss
Department of Crop, Soil,
& Environmental Sciences
Virginia Polytechnic Institute
Blacksburg, VA 24061-0404
Ph: 540-231-9788
FAX: 540-231-3431
Email: gbuss@vt.edu

E. Cober
Agriculture & Agri-Food Canada
Eastern Cereal and Oilseed Research Centre
960 Carling Ave.
Ottawa, Ontario
Canada K1A 0C6
Ph: 613-759-1610
FAX: 613-715-5399
Email: coberer@agr.gc.ca

Technical Contact:

Dennis Fischer
Ridgetown College
Main Street East
Ridgetown, Ontario
Canada NOP 2CO
Ph: 519-674-1598
FAX: 519-674-1600
Email: dfischer@ridgetownc.uoguelph.ca

Wad Crochet, USDA-ARS
USDA Soybean Research Lab.
4540 Hwy. 52 West
West Lafayette, IN 47906
Ph: 765-583-2952 Cell: 765-412-0429
FAX: 765-496-3452
Email: mailto:wcrochet@purdue.edu

Lisa Fritz, USDA-ARS
605 Airways Blvd.
Jackson, TN 38301
Ph: 731-425-4736
FAX: 731-425-4760
Email: mailto:lfritz@ars.usda.gov

R. Guillemette
Agriculture & Agri-Food Canada
Eastern Cereal and Oilseed Research Centre
Bldg. # 110, 960 Carling Ave.
Ottawa, Ontario
Canada K1A 0C6
Ph: 613-759-1611
FAX: 613-715-5399
Email: guillemette@agr.gc.ca

2006 UNIFORM TEST PARTICIPANTS

Uniform Test Cooperator:

Rauf M.A. Mian, USDA-ARS
107-A Williams Hall
1680 Madison Ave.
OARDC-OSU
Wooster, OH 44691
Ph: 330-263-3672
FAX: 330-263-3887
Email: main.3@osu.edu

Thomas E. Devine, USDA-ARS
SASL, Bldg. 001,
BARC West
10300 Baltimore Ave.
Beltsville, MD 20705
Ph: 301-504-6375
FAX:
Email: <mailto:devinet@ba.ars.usda.gov>

Brian Diers
Turner Hall-Agronomy
1102 S. Goodwin St.
University of Illinois
Urbana, IL 61801
Ph: 217-265-4062
FAX: 217-265-
Email: bdiers@uiuc.edu

Walt R. Fehr
Department of Agronomy, Rm 1212
Iowa State University
Ames, IA 50011-1010
Ph: 515-294-6865
FAX: 515-294-6514
Email: wfehr@iastate.edu

George L. Graef
319 Keim Hall
University of Nebraska
Lincoln, NE 68583-0915
Ph: 402-472-1537
FAX: 402-472-7904
Email: ggraef1@unl.edu

Ted Helms
Dept. of Plant Sciences
North Dakota State University
Fargo, ND 58105-5051
Ph: 701-231-8136
FAX: 701-231-8474
Email: ted_helms@ndsu.nodak.edu

Technical Contact:

Tim Mendiola, USDA-ARS
Dept. of Horticulture and Crop Science
1680 Madison Ave.
Wooster, OH 44691
Ph: 330-263-3974
FAX: 330-263-3887
Email: <mailto:mendiola.3@osu.edu>

Troy Cary
Department of Crop Sciences
1102 South Goodwin Ave.
University of Illinois
Urbana, IL 61801
Ph: 217-244-5138
FAX: 217-333-9817
Email: tcary@uiuc.edu

Kevin Scholbrock
1210 Agronomy Hall
Iowa State University
Ames, IA 50011-1010
Ph: 515-294-0726
FAX: 515-294-6514
Email: kscholbr@iastate.edu

Les Korte
Stewart Seed Lab., Room 107
University of Nebraska
Lincoln, NE 68583-0827
Ph: 402-472-6343
FAX: 402-472-7904
Email: lkorte@unlnotes.unl.edu

Larry Martin
AES Plant Science
212B Waldron Hall
North Dakota State University
Fargo, ND 58105-5051
Ph: 701-231-8871
Email: larry.martin@ndsu.nodak.edu

2006 UNIFORM TEST PARTICIPANTS

Uniform Test Cooperator:

Technical Contact:

Bill J. Kenworthy
Room 1112, H. J. Patterson Hall
University of Maryland
College Park, MD 20742-5821
Ph: 301-405-1324
FAX: 301-314-9041
Email: wenworth@umd.edu

Allen LeRoy
Dept. of Agronomy
Lily Hall
Purdue University
West Lafayette, IN 47907
Ph: 765-496-3756
FAX: 765-496-2926
Email: leroya@purdue.edu

Randy L. Nelson, USDA-ARS
National Soybean Research Lab.
1101 W. Peabody Dr.
Urbana, IL 61801
Ph: 217-244-4346
FAX: 217-333-4639
Email: rlnelson@uiuc.edu

Jim H. Orf
Department of Agronomy, 411 Borlaug Hall
University of Minnesota
1991 Buford Circle
St. Paul, MN 55108
Ph: 612-625-8275 Lab. -9263
FAX: 612-625-1268
Email: orfxx001@umn.edu

Todd W. Pfeiffer
Dept. of Agronomy
N106 Agric. Sci. Bldg. North
University of Kentucky
Lexington, KY 40546
Ph: 859-257-4678
FAX: 859-257-7874
Email: tpfeiffe@uky.edu

Vaino Poysa
Agriculture & Agri-Food Canada
Greenhouse and Processing Crops Research Centre
Harrow, Ontario
Canada N0R 1G0
Ph. 519-738-2251 ext. 467
FAX 519-738-2929
Email: poysav@agr.gc.ca

Adam Brock
Agronomy Dept., Lily Hall
Purdue University
West Lafayette, IN 47907
Ph: 765-496-1557
FAX: 765-496-2926
Email: abrock@purdue.edu

Edward Johnson, USDA-ARS
Department of Crop Sciences
1101 West Peabody Dr.
University of Illinois
Urbana, IL 61801
Ph: 217-244-4348
FAX: 217-333-4639
Email: eddiej@uiuc.edu

Phil Schaus
Soybean Breeding and Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle
St Paul, MN 55108
Ph: 612-625-9263
FAX: 612-625-1268
Email: schau002@umn.edu

Eugene Lacefield
N222 Ag. Sci. Bldg.-N
Dept. of Agronomy
University of Kentucky
Lexington, KY 40546-0091
Ph: 859-257-2993
Email: elace0@pop.uky.edu

Bob Armstrong
Agriculture & Agri-Food Canada
Greenhouse and Processing Crops Research Centre
Harrow, Ontario
Canada N0R 1G0
Ph. 519-738-2251 ext. 445
FAX 519-738-2929
Email: mailto:armstrongb@agr.gc.ca

2006 UNIFORM TEST PARTICIPANTS

Uniform Test Cooperator:

Technical Contact:

Istvan Rajcan
Dept. of Plant Agriculture, Crop Sci. Bldg
University of Guelph
Guelph, Ontario
Canada N1G 2W1
Ph: 519-824-4120 ext. 53564
FAX: 519-763-8933
Email: irajcan@uoguelph.ca

Wade Montminy
Dept. of Plant Agriculture, Crop Sci. Bldg.
University of Guelph
Guelph, Ontario
Canada N1G 2W1
Ph: 519-824-4120 ext. 58508 Cell: 519-835-5259
FAX: 519-763-8933
Email: montminy@uoguelph.ca

W. T. Schapaugh, Jr.
Dept. of Agronomy, Throckmorton Hall
Kansas State University
Manhattan, KS 66506
Ph: 785-532-7242
FAX: 785-532-6094
Email: wtsh@ksu.edu

M. Schmidt
Dept. of Plant and Soil Science
Mailcode 4415, Southern Illinois University
Carbondale, IL 62901-4415
Ph: 618-453-2496
FAX: 618-453-7457
Email: mesch@siu.edu

Jim Klein
3268 West Pleasant Hill Rd.
SIUC
Carbondale, IL 62901
Ph: 618-453-2453
FAX: 618-453-8906
Email: jklein@siu.edu

Roy Scott
Plant Science Department
South Dakota State University
NPB 247, Box 2140C
Brookings, SD 57007
Ph: 605-688-4749
FAX: 605-688-4452
Email: roy_scott@sdstate.edu

Dawn Gustafson
SDSU
NPB 247, Box 2140C
Brookings, SD 57007
Ph: 605-688-4949
Email: dawn.gustafson@sdstate.edu

Matthew Caron
SDSU
NPB 247, Box 2140C
Brookings, SD 57007
Ph: 605-688-4215
Email: matthew.caron@sdstate.edu

J. Grover Shannon
University of Missouri-Delta Center
147 Highway T
Portageville, MO 63873
Ph: 573-379-5431
FAX: 573-379-5875
Email: shannong@missouri.edu

Teresa Newman
University of Missouri-Delta Center
P.O. Box 160
Portageville, MO 63873
Ph: 573-379-4058
FAX: 573-379-5875
Email: NewmanTD@missouri.edu

2006 UNIFORM TEST PARTICIPANTS

Uniform Test Cooperator:

David A. Sleper
Dept. of Plant Science, 201 Waters Hall
University of Missouri
Columbia, MO 65211
Ph: 573-882-7320
FAX: 573-882-1467
Email: sleperd@missouri.edu

Dr. Pengyin Chen
115 Plant Science Building
University of Arkansas
Fayetteville, AR 72701
Ph: 479-575-7564
FAX: 479-575-7465
Email: pchen@uark.edu

Steve K. St. Martin
Dept. of Horticulture and Crop Science
202 Koffman Hall, 2021 Coffey Rd.
Ohio State University
Columbus, OH 43210
Ph: 614-292-8499
FAX: 614-292-7162
Email: stmartin+@osu.edu

Pierre Turcotte
Centre de recherches sur les grains inc. (CEROM)
335 Chemin des 25 Est
Saint-Bruno de Montarville (Quebec)
Canada J3V 4P6
Ph: 450-653-4413 ext. 227
FAX: 450-441-5694
Email: pierre.turcotte@cerom.qc.ca

Robert Uniatowski
Dept. of Plant and Soil Science
University of Delaware
Townsend Hall Rm. 154C
Newark, DE 19716-2170
Ph: 302-831-1370
FAX: 302-831-3656
Email: bobuni@udel.edu

Technical Contact:

Kerry M. Clark
Research Support Service
3600 New Haven Road
Columbia, MO 65201
Ph: 573-882-0198
FAX: 573-884-5911
Email: clarkk@missouri.edu

Tetsuaki Ishibashi
115 Plant Science Building
University of Arkansas
Fayetteville, AR 72701
Ph: 479-575-7564
FAX: 479-575-7465
Email: tishiba@uark.edu

Marcia Feller
Dept. of Horticulture and Crop Science
202 Koffman Hall, 2021 Coffey Rd.
Ohio State University
Columbus, OH 43210
Ph: 614-292-2124
FAX: 614-292-7162
Email: feller.13@osu.edu

Scott McIntyre
Dept. of Horticulture and Crop Science
1680 Madison Ave.
OARDC-OSU
Wooster, OH 44691
Ph: 330-263-3974
FAX: 330-263-3887
Email: mcintyre.31@osu.edu

2006 UNIFORM TEST PARTICIPANTS

Uniform Test Cooperator:

Technical Contact:

Dechun Wang
Department of Crop & Soil Sciences
Michigan State University
A384-E Plant & Soil Sciences Building
East Lansing, MI 48824-1325
Ph: 517-355-0271 Ext. 188
FAX: 517-353-3955
Email: wangdech@msu.edu

John F. Boyse
Department of Crop and Soil Sciences
286 Plant Sciences Building
Michigan State University
East Lansing, MI 48824-1325
Ph: 517-355-2287
FAX: 517-353-3515
Email: boyse@pilot.msu.edu

James R. Wilcox
Professor Emeritus
Agronomy Dept., Lilly Hall
Purdue University
West Lafayette, IN 47907
Ph: 765-494-8074
FAX: 765-496-3452
Email: jwilcox@purdue.edu

Glen L. Hartman
National Soybean Research Center
1101 W. Peabody Dr.
Urbana, IL 61801
Ph: 217-244-3258
FAX: 217-244-7703
Email: ghartman@uiuc.edu

Terry Niblack
Department of Crop Science
University of Illinois
1102 S. Goodwin Ave.
Urbana, IL 61801
Ph: 217-244-5940
FAX: 217-333-9817
Email: tniblack@uic.edu

Warren Rayford
NCAUR-ARS
Room 3221
1815 N. University St.
Peoria, IL 61605
Ph: 309-681-6423
FAX:
Email: mailto:rafordw@ncaur.usda.gov

Jo Dean Sarins
New Crops Processing
NCAUR-ARS, Room 2236
1815 N. University St.
Peoria, IL 61605
Ph: 309-681-6109/6107
FAX:
Email: mailto:sarinsjd@ncaur.usda.gov

Richard L. Cooper, USDA-ARS
Dept. of Horticulture and Crop Science
1680 Madison Ave.
OARDC-OSU
Wooster, OH 44691
Ph: 330-263-3875
Email: cooper.16@osu.edu

INTRODUCTION

The purpose of The Uniform Soybean Tests is to critically evaluate the best of the experimental soybean lines developed by federal and state research personnel in the U.S. and Canada, for their potential release as new varieties.

A test is established for each of ten maturity groups. Uniform Test 00 includes maturity Group 00 strains adapted to production in the northern fringe of the present area of soybean production. Uniform Tests 0 through IV include later maturing strains adapted to locations progressively further south in the North Central States and areas of similar latitude. Each year new selections are added and others that have been sufficiently tested are dropped from the tests. The summary of performance of strains in Uniform Tests 00 through IV in the northern region is included in this report. The USDA-ARS Soybean Production Research Unit, P.O. BOX 196, STONEVILLE, MS 38776, issues the report on Uniform Tests IVS through VIII in the southern states.

Data from the Uniform Soybean Tests are the basis for decisions on the regional release of soybean varieties. Preliminary Tests are grown at a limited number of locations throughout the region to evaluate the experimental strains for one year before they are entered in the Uniform Tests. Uniform Tests are grown at more locations with more replications than Preliminary Tests.

The Uniform Soybean Test Report is a progress report containing statements, which may or may not be verified by subsequent experiments. Statements or data in the report, therefore, should not be published unless those concerned have obtained permission previously.

The USDA-Agricultural Research Service does not vouch for the authenticity of either the parentage or ancestry of entries in the Uniform Soybean Tests. This agency is not responsible for the accuracy of data submitted to and included in The Uniform Test Report.

Participants of the Uniform Soybean Tests at the annual meeting in February 2002 unanimously voted to amend the policy for evaluation of soybean strains. The primary change in policy focused on the inclusion of proprietary and/or transgenic strains in the tests. Emphasis was placed on having breeders currently using 'Roundup Ready' germplasm that is licensed with Monsanto contact Monsanto representative(s) to confirm if the current agreement permits evaluation of RR strains in the Uniform Soybean Tests. Information obtained by the ad hoc committee of southern (B. Paris, B. Kenworthy, & G. Busse) and northern (B. Schapaugh, D. Sleeper & R. Scott) participants and guidance from Dr. Rich Wilson, USDA-ARS, NPS-Oilseeds & Bioscience, permitted evaluation of RR germplasm in the 2002 Southern Uniform Soybean Tests; northern participants elected to delay testing of RR strains until 2003. Also, since the southern and northern participants chose to establish 'Combined tests' (including both proprietary and/or transgenic and conventional strains) vs. 'Separate tests', respectfully, the two working groups established guidelines for amending the policy on evaluation somewhat independently. Modifications identified in the 2002 and 2004 business meetings of the northern participants are included in the following policy information.

Northern Region UT – POLICY ON EVALUATION AND RELEASE OF STRAINS

Qualifications for inclusion in the Uniform Tests.

- 1) Participants must be willing and able to conduct separate tests for conventional strains and strains containing proprietary and/or transgenic traits. However, all participants are not required to evaluate both; and, placement of proprietary entries depends on whether transgenic or non-transgenic.
- 2) Participants are individually responsible to ensure that any proprietary and/or transgenic strains that they submit are approved for human consumption and are cleared for sale as commodity seed.
- 3) Participants must disclose pedigrees to the Uniform Test Coordinator for publication with performance data in Uniform Soybean Test Report unless contract arrangements prohibit disclosure of information.
- 4) It is recommended that breeders obtain written permission for the use of privately developed varieties or strains that are used as parents in the development of lines included in the Uniform Tests.

Use of Uniform Test entries in soybean breeding and research.

- 1) Seed of Uniform test entries is for evaluation in the Uniform tests only and may not be distributed to non-participants in these tests without prior approval by the originator of the entry.
- 2) Uniform Test participants must obtain written approval before using any entry, other than their own, as a recurrent parent in backcrossing, in any breeding or genetic studies, or for any other research.
- 3) Experimental strains entered in the Uniform Tests should be labeled "Experimental Strain" and should not be identified by strain designation when grown in demonstration plots or when the Uniform Tests are shown on field days or farm tours.
- 4) Seed of any transgenic entry must not be used for further evaluation without written permission from the originator of the entry, and must be discarded at the end of the season, except for crossing purposes, subject to the restrictions outlined in the preceding sections two and three.

Release of Uniform Test entries.

Entries in the Uniform Tests are released according to the policy of the originating institution (USDA-Agricultural Research Service and State Agricultural Experiment Station or Canadian government).

STRAIN DESIGNATIONS

Experimental (i.e., unreleased) strains are identified by a number with a state or province code letter prefix. The code letters have been agreed upon in meetings of experiment station agronomists with the U.S. Department of Agriculture. Additional code letters may be used to designate the individual within a state or province that developed the strain.

A	Iowa A.E.S.
Ar	Arizona A.E.S.
Au	Alabama A. E. S.
B	California
C	Purdue (Indiana) A.R.P. (C=J.R. Wilcox, CL=A. LeRoy)
CM	Canada Dept. of Agriculture, Morden, Manitoba
D	Mississippi A.E.S.
E	Michigan A.E.S.
F	Florida A.E.S.
FC	Forage and Range Research Branch, USDA
Ga	Georgia A.E.S.
H	Ohio A.R.D.C. (HC=R.L. Cooper, HF=R. Fioritto, HS=S.K. St. Martin)
K	Kansas A.E.S.
Ky	Kentucky A.E.S.
L	Illinois A.E.S. (LD=B. Diers, LG=R.L. Nelson, LN=C.D. Nickell, LS=M. Schmidt)
La	Louisiana A.E.S.
LS	Southern Illinois University
M	Minnesota A.E.S.
Md	Maryland A.E.S.
Me	Maine A.E.S.
N	North Carolina A.E.S.
ND	North Dakota A.E.S.
OAC	University of Guelph, Guelph, Ontario
OK	Oklahoma Agricultural Experiment Station
ORC	Ridgetown, Ontario
OX	Research Station, Harrow, Ontario
PI	Plant Inventory
R	Arkansas A.E.S.
RJ	Arkansas State University, Jonesboro
S	Missouri A.E.S. (SS=D. Sleper)
SC	South Carolina A.E.S.
SD	South Dakota A.E.S.
Ts	Texas A.E.S.
T	Soybean Genetic Type Collection, USDA, Urbana, IL
U, NEX	Nebraska A.E.S.
UD	Delaware A.E.S.
UM	University of Manitoba, Winnipeg, Manitoba
UT	Tennessee A.E.S.
V	Virginia A.E.S.
W	Wisconsin A.E.S.
X(Y)	Two or more states cooperatively, e.g. ND(M) North Dakota and Minnesota

METHODS

Uniform tests are planted in multiple-row plots with three or four replications, and the center rows are harvested for yield and seed quality determinations. Preliminary Tests are multiple-row plots with two replications. Usually 15 to 20 feet of row are planted and 12 to 16 feet harvested, to eliminate end-of-row effects. Coefficients of variability are included with all replicated test data. Discretion is used in including data with high CVs in the regional means. If the CV is greater than 15, participants should include the reason, such as disease or environmental conditions. Lines may be heterogeneous for morphological traits the first year in the Uniform Tests but must be pure lines the second year of testing. It is the responsibility of the breeder to purify heterogeneous lines.

Generation Composited is the generation after the final single-plant selection, when seeds from plants or rows are composited.

Previous Testing is the number of previous years in the same Uniform Test or, in the case of new entries, a reference to the previous year's test, abbreviated to PT IIA for Preliminary Test IIA, for example.

Yield is measured after the seeds have been dried to uniform moisture content and is recorded in bushels (60 pounds) per acre. To convert to kilograms/hectare multiply by 67.25.

Maturity is the date when 95% of the pods have ripened, as indicated by their mature pod color. Delayed leaf drop and green stems are not considered in assigning maturity. Maturity is expressed as days earlier (-) of later (+) than the average date of the reference variety. To aid in maturity group classification, one earlier (E) and one later (L) check variety are given in the maturity column for each test, or a maturity check from an earlier or later maturity group is included. Current reference and check varieties and the maturity group limits relative to the reference varieties are:

<u>Group</u>	<u>Reference:</u>	<u>Range</u>	<u>Early check</u>	<u>Late check</u>
00	MN0071	-7 to +5	Jim	Trail (L)
0	Lambert	-6 to +2	Traill (E)	Parker (L)
I	M98-227065	-4 to +4	Lambert (0)	IA1008 (SCN)
II	IA2068	-3 to +5	IA1008 (I)	IA2065 (L)
III	IA3023	-6 to +2	IA2065 (II)	Macon (L)
IV	LD00-3309	-4 to +7	Macon (III)	LS93-0375 (SCN)
00RR	NK S00-J4			AG0301
0RR	RG405RR		RG200RR	SD1111RR (L)
IRR	AG1501		SD1091RR (L)	DKB20-52
IIRR	AG2403		DKB20-52 (SCN)	AG2801 (SCN)
IIIRR	DKB34-51		DKB31-51	DKB3852
IVRR	AG4201		DKB38-52	AG4403

These maturity group ranges are based on long-term means over many locations. When using data from other environments, the interval between reference varieties may vary, and the division between maturity groups should be estimated in proportion to the above figures. Additional check varieties may be included in specific tests such as IA1008 (SCN) for resistance to the soybean cyst nematode in UT I, or IA3024 as a 1% linolenic check in PTIIIA.

Lodging is rated at maturity according to the following scores:

- 1 = Almost all plants erect
- 2 = All plants leaning slightly or a few plants down.
- 3 = All plants leaning moderately (45 degrees), or 25% to 50% of the plants down.
- 4 = All plants leaning considerably, or 50% to 80% of the plants down.
- 5 = Almost all plants down.

Height is the average length in inches of mature plants from the ground to the tip of the main stem. To convert to centimeters, multiply by 2.54.

Seed Size (i.e. weight per seed) is recorded in grams per 100 seeds based on a 100- or 200-seed sample. To convert to seeds per pound, divide this into 45,359.2.

Seed Quality is rated according to the following scores considering the amount and degree of wrinkling, defective seed coat (growth cracks), greenishness, and moldy or other pigment. Ratings for seed quality are:

1 -- Very good	2 -- Good	3 -- Fair	4 -- Poor	5 -- Very poor
----------------	-----------	-----------	-----------	----------------

Seed Composition is measured on samples submitted to the USDA-ARS National Center for Agricultural Utilization Research, Peoria, Illinois. A 25-gram sample of clean seed is prepared by taking an equal volume or weight of seed from each replication. Protein and oil percentages are measured on these samples using near infrared transmittance, and are reported on a moisture-free basis, and then converted to a 13% moisture basis for the protein and oil tables.

Descriptive Code: 1 2 3 4 5 6 7 8 abbreviated as underlined below.

- 1 = Flower color: Purple, White
- 2 = Pubescence color: Tawny, Gray, Light tawny
- 3 = Pod color: Brown, Tan
- 4 = Seed coat luster: Dull, Shiny, Intermediate
- 5 = Seed coat color = Yellow, Gray, Light gray, Green
- 6 = Hilum color: Black, Impervect black, Brown, Buff, Gray, Yellow; prefixes indicate
Light or Dark shades, e.g. Lbf = light buff, Dib = dark imperfect black. H indicates heterogeneous for hilum color.
- 7 = Stem termination: Determinate, Indeterminate, Semi-Determinate
- 8 = Ep high seed coat peroxidase, ep low seed coat peroxidase, H heterogeneous

Green Stem is a rating of delayed green stem at time of plant maturity (R8 = 95% of the pods have reached their mature pod color). The condition is rated according to the following scores.

- 1 = almost all plant stems yellowing or have ripened, as indicated by their mature stem color.
- 2 = 1 - 10% plants with green stems
- 3 = 11 - 25% plants with green stems
- 4 = 26 - 50% plants with green stems
- 5 = > 50% plants with green stems.

Shattering is scored at a specified time after maturity and is based on estimates of the percent of open pods as follows:

- 1 = No shattering
- 2 = 1% to 10% shattered
- 3 = 10% to 25% shattered
- 4 = 25% to 50% shattered
- 5 = Over 50% shattered

Iron chlorosis is rated from 1, no chlorosis, to 5, severe chlorosis.

Emergence score is related to hypocotyl elongation and is measured at Ames, Iowa by germination at 25 C (a critical temperature for differentiating strains). Four replications of 25 seeds/entry are planted in a 5-inch plastic pot at a 4.5-inch depth in sand. Seedlings that have emerged by 12 days after planting are counted and emergence score in relation to percent of seeds that germinate and emerge are as follows:

- 1 > 95%
- 2 = 91 to 95%
- 3 = 85 to 90%
- 4 = 76 to 84%
- 5 < 76%

DISEASE

Disease reactions are listed according to “Soybean Disease Survey Standards”, March 1960, unless otherwise specified. Disease reaction is scored from 1 (no disease) to 5 (very severe), or in some cases as percent infected or simply as + (present) or 0 (absent). Purple seed stain and seed mottling follow the disease severity class rating:

Disease severity class rating	1	2	3	4	5
Number of diseased seed in sample	0	1-3%	4-8%	9-19%	20-100%

An additional classification to describe the extent of seed coat mottling as M (mild), E (extensive), or S (severe), is included. Pod and stem blight is rated as percent of infected seed on a four-week delayed (“d”) harvest sample. The location where the test was made is identified in the column heading, and the letter “a” or “n” signifies artificial or natural infection. Clear-cut and consistent reactions are given by letter instead of number: R = resistant, S = susceptible, I = intermediate, and H = heterogeneous. Natural infection ratings are from agronomic tests in some instances and from special disease plantings in others. Absence of symptoms under natural infection does not necessarily mean high resistance.

Abbreviation	Disease	Pathogen
BB	Bacterial blight	<u>Pseudomonas syringa</u> pv. <u>glycinea</u>
BBV	Bud blight	Tobacco ringspot virus
BP	Bacterial pustule	<u>Xanthomonas campestris</u> pv. <u>phaseoli</u>
BS	Brown spot	<u>Septoria glycines</u>
BSR	Brown stem rot	<u>Phialophora gregata</u>
BTS	Bacterial tan spot	<u>Corynebacterium flaccumfaciens</u>
CN	Cyst nematode	<u>Heterodera glycines</u>
CR	Charcoal rot	<u>Macrophomina phaseolina</u>
DM	Downy mildew	<u>Peronospora manshurica</u>
FE	Frogeye leafspot	<u>Cercospora sojina</u>
PM	Powdery mildew	<u>Microsphaera diffusa</u>
PR	Phytophthora rot	<u>Phytophthora sojae</u>
PS	Purple stain	<u>Cercospora kikuchii</u>
P&SB	Pod & stem blight	<u>Phomopsis</u> spp.
Pyd	Pythium root rot	<u>Pythium debaryanum</u>
Pyu	Pythium root rot	<u>Pythium ultimum</u>
RK	Root knot nematode	<u>Meloidogyne</u> spp.
RP	Rhizoctonia root rot	<u>Rhizoctonia solani</u>
SB	Sclerotial blight	<u>Sclerotium rolfsii</u>
SC	Stem canker	<u>Diaporthe phaseolorum</u> var. <u>caulivora</u>
SCL	Sclerotinia stem rot	<u>Sclerotinia sclerotiorum</u>
SDS	Sudden death syndrome	<u>Fusarium virguliforme</u> , (E. <u>solani</u> f.sp. <u>glycines</u>)
SMV	Soybean mosaic virus	Soybean mosaic virus
TS	Target spot	<u>Corynespora cassiicola</u>
YMV	Yellow mosaic virus	Yellow mosaic virus

Rating for BB, BP, DM, FE, and PM are based on leaf symptoms; those for BSR on percent of plants with stem browning, or percent of stem length browned.

The percent purple stain and Phomopsis seed infection is based on a 100-seed sample plated on potato-dextrose agar in petri dishes.

The percent green seed is based on a 100-seed sample and is the number of seed with a green or partially green seed coat.

Abbreviations used in sudden death syndrome (SDS) ratings are as follows:

- R6Date = Days from planting to R6.2 growth stage
- R6DI = SDS Disease Incidence (% of plants with visible leaf symptoms)
- R6DS = SDS Disease Severity (1=mild chlorosis, 5=severe leaf scorch, 9=premature death of the plant)
- R6DX = SDS Disease index (R6DI x R6DS/9)

PROCEDURE FOR TESTING AND RELEASE OF STRAINS

Public soybean breeders have agreed upon this policy on testing and release of soybean strains evaluated in the Uniform Soybean Tests Northern Region. The policy was developed to assist breeders in preparing schedules for seed increases and to assist individuals and committees responsible for approving releases. The policy will aid private breeders in the U.S. and foreign countries to understand how releases will be made that may affect their programs.

Development and release of soybean strains is carried out by many public institutions. The programs at these institutions operate independently until strains are available for advanced testing in the Uniform Soybean Tests. The USDA-Agricultural Research Service coordinates the Uniform Soybean Tests. The tests are divided into those in the Northern Region, for strains in maturity groups 00 to IV, and those in the Southern States, for strains in maturity groups IVS to VIII. Group IV maturity strains are divided into an IVN test for the northern region and an IVS test for the southern region. Public soybean breeders are encouraged to enter superior strains they develop into the Uniform Soybean Tests.

Strains are evaluated for one year in the Preliminary Tests (PT), which are conducted at eight or more locations in several states. When the tests are completed, each public breeder is given the opportunity to review the results and to decide which strains merit further testing. In instances where there is little consensus among the breeders on the merits of a strain, the originator of the strain generally makes the final decision.

Strains that merit further testing are evaluated in the Uniform Tests (UT) conducted at more locations than Preliminary Tests and with three or four replications. Lines developed by four or more backcrosses to a released cultivar may be entered directly into the UT without prior evaluation in PT. Strains evaluated in Regional Cyst Nematode (SCN) tests may also be entered directly into the UT.

Strains may be considered for release after they have been evaluated for two years in the UT. Exceptions to this are special purpose strains or strains derived from four or more backcrosses to a released cultivar; these may be considered for release after one year in the UT. Any institution or breeder participating in the Uniform Soybean Tests may request consideration for release of any strains in the UT, however the institution that developed the strain usually initiates it.

A strain should be released only if it is distinctly superior to existing varieties in one or more characteristics important for the crop, or it is superior in overall performance in areas where adapted. A single major production hazard, which a new cultivar can overcome, e.g., a highly destructive disease, may be the overriding consideration in releasing a variety. Strains with a very limited range in adaptation should not be released unless performance in that limited range is outstandingly superior, or the strain possesses important use values not otherwise available, including diversification of the germplasm base for the species.

When a decision has been made to multiply a strain for release, the originating institution will inform other UT participants of the decision by February 15. This will give each UT participant the opportunity to participate in the multiplication and release of the strains.

By March 15 all institutions intending to participate in the multiplication of the strain must notify the originating institution of their intent. A final decision to participate in the release of the strain may be delayed until an additional year's data are available for review. By April 1 the originating institution should notify all UT participants what states will be participating in the multiplication and are considering participating in the release of the strain. Breeders seed is distributed to foundation seed organizations in participating states for production during the summer. At this time, if a final decision to release has been made, a sample of seed may be distributed to non-participants in the UT, including private soybean breeders, in accordance with a State's Experiment Station policy. This distribution is made only by the originating institution.

The originating institutions prepare a release notice to soybean seed producers listing all institutions participating in the release of the cultivar. This notice is circulated for signature by all participating institutions. Assistance in the preparation and circulation of this release notice may be obtained by Dr. Judith St. John, Associate Deputy Administrator for Plant Science, USDA, ARS, Bldg. 005, BARC-West, Beltsville, MD 20705, phone 301-504-6252. The office for clearance of proposed names of new soybean cultivars is: Dr. Richard Payne, Chief, Seed Regulatory & Testing Branch, Crossing Place, Suite C, Gastonia, North Carolina 28054-2193, phone 704-810-8870, Fax: 704-852-4189 (Lab). The date for simultaneous publicity release on new soybean cultivars by participating states is determined by the originating state, and is usually in August but may be delayed until the following April if additional UT data are being reviewed and a final decision to release has not been made.

If an additional year of UT data is being reviewed prior to a final decision on release, states producing foundation seed must notify the originating state by February 15 of their intent to participate in the release of the cultivar. The release notice to soybean seed producers should be distributed for signature by the participating institutions by April 1.

Foundation seed under the name of the new cultivar is distributed to qualified certified seed producers in states releasing the new cultivar by April 1. At this time a sample of seed may be distributed to non-participants in the UT, including private plant breeders, for testing and crossing if this distribution has not been made previously.

UNIFORM TEST STRAINS RELEASED IN 2006

Variety	Experimental designation	Uniform Test evaluations
IA1022	A04-543037	UTI
IA2077	A05-114010	UPT I
IA2078	A05-114019	UPT I
IA2079	A05-213013	UPT IIA
IA2093	A04-543012	UT II
IA2094	A04-545020	UT II
Skylla	E98076	PTIIB 2000, UTII 2001-2003
MN0101	M98-101137	UT00 2003-2004

Variety	Release date	Releasing states or Provinces	Foundation seed production
IA1022	Jan. 2007	Iowa	Summer 2007
IA2077	Nov. 2006	Iowa	Winter 2006-2007
IA2078	Nov. 2006	Iowa	Winter 2006-2007
IA2079	Nov. 2006	Iowa	Winter 2006-2007
IA2093	Nov. 2006	Iowa	Winter 2006-2007
IA2094	Nov. 2006	Iowa	Winter 2006-2007
Skylla	Jan. 2006	Michigan	2006
MN0101	Jan. 2006	Minnesota	2005

2006 Soybean Cyst Nematode Evaluations

1000 eggs per plant inoculum
 3 reps; entries with CV>30 were re-tested
 Methods: see J. Nematol. 34:279-288

For raw data, contact T. Niblack tniblack@uiuc.edu

Ratings: FI values

HR <10
 R 10-24
 MR 25-39
 LR 40-59
 NR 60+

* = small root

* = missing sample

*Several strains were retested for HG 2.5.7 due to their variability in the initial screening.

**Indicates lines with highly variable cyst counts between reps.

SCN population PA3 HG Type 0 (Race 3)

Indicator	Mean	Female
		Index
Lee	251	
Macon	228	
PI 548402	1	0
PI 88788	6	2
PI 90763	0	0
PI 437654	0	0
PI 209332	5	2
PI 89772	0	0
PI 548316	8	3
PI1438489B	2	1
Pickett	34	11

SCN population U257 HG Type 2.5.7 (Race1)

Indicator	Mean	Female
		Index
Lee		
PI 548402	1	0
PI 88788	171	54
PI 90763	0	0
PI 437654	0	0
PI 209332	166	52
PI 89772	0	0
PI 548316	192	60
PI1438489B	1	0
Pickett	1	0

*retest

HG Type 0 (Race 3)					HG Type 2.5.7 (Race1)			
Entry	Line	Mean	FI	Rating	Mean	FI	Rating	Test
1	Lambert	139	61	NR	91	84	NR	06 UT 0,I
2	Parker (I)	176	73	NR	96	89	NR	06 UT 0
3	Surge	186	83	NR	72	66	NR	06 UT 0
5	MN0902CN (SCN)	16	8	HR	60	56	LR	06 UT 0
1	M98-227065	185	75	NR	58	53	LR	06 UT I
2	IA1008 (SCN)	15	9	HR	61	56	LR	06 UT I
4	IA1021	139	56	LR	108	100	NR	06 UT I,II
7	A04-543037	20	10	R	35	32	MR	06 UT I
7	A05-111004	141	58	LR	107	99	NR	06 PT I
16	LD03-5340	44	15	R	55	51	LR	06 PT I
39	U03-100612	147	61	NR	122	113	NR	06 PT I
40	U03-200319	134	59	LR	112	104	NR	06 PT I

HG Type 0 (Race 3)					HG Type 2.5.7 (Race1)			
Entry	Line	Mean	FI	Rating	Mean	FI	Rating	Test
1	IA2068 (SCN)	8	3	HR	36	33	MR	06 UT II
3	IA2065	153	65	NR	88	82	NR	06 UT II,III
5	A04-543043	13	5	HR	44	40	LR	06 UT II
11	LD01- 7323	9	5	HR	42	39	MR	06 UT II
12	LD01- 9035	7	3	HR	38	35	MR	06 UT II
13	LD02- 4485	9	5	HR	48	44	LR	06 UT II
14	LD02- 5025	34	15	R	295*	93	NR	06 UT II
21	U01-390489	85	44	LR	22	20	R	06 UT II
5	A05-112001	176	66	NR	90	83	NR	06 PT IIA
7	A05-212016	89	37	MR	60	55	LR	06 PT IIA
10	A05-212037	163	66	NR	115	106	NR	06 PT IIA
18	A05-311040	205	87	NR	92	85	NR	06 PT IIA
16	U03-100141	114	77	* cv = 82	89	82	NR	06 PT IIB
17	U03-100407	12	7		56	52	LR	06 PT IIB
18	U03-100528	172	66	NR	61	57	LR	06 PT IIB
19	U03-100611	131	46	LR	128	119	NR	06 PT IIB
20	U03-100839	225	91	NR	396*	124	NR	06 PT IIB
21	U03-100906	139	51	LR	310*	97	NR	06 PT IIB
22	U03-200151	221	90	NR	88	81	NR	06 PT IIB
23	U03-200238	20	9	HR	36	33	MR	06 PT IIB
24	U03-200242	141	59	LR	99	92	NR	06 PT IIB
25	U03-200308	156	70	NR	304*	96	NR	06 PT IIB
26	U03-200317	166	66	NR	133	123	NR	06 PT IIB
27	U03-200439	156	72	NR	309*	97	NR	06 PT IIB
29	U03-300134	173	69	NR	121	112	NR	06 PT IIB
30	U03-400147	161	71	NR	118	109	NR	06 PT IIB
1	IA3023	111	49	LR	90	83	NR	06 UT III
3	U98-311442(L) (SCN)	36	13	R	53	49	LR	06 UT III
4	Macon	210	85	NR	114	106	NR	06 UT III,IV
7	LD01- 5907	4	1	HR	3*	1	HR	06 UT III
8	LS01-1987	32	17	* missing sample	57	53	LR	06 UT III
9	SS01-3769	36	16		104*	33	*	06 UT III
7	A05-212040	170	69	NR	71	66	NR	06 PT IIIA
8	A05-311008	45	21	R	48	44	LR	06 PT IIIA
10	A05-311025	169	70	NR	101	94	NR	06 PT IIIA
9	LS03-1468	18	7	HR	40	37	MR	06 PT IIIB
10	LS03-5191	208	90	NR	89	83	NR	06 PT IIIB
11	U03-100620	4	3	HR	332*	104	NR	06 PT IIIB
12	U03-200216	154	61	NR	335*	105	NR	06 PT IIIB

HG Type 0 (Race 3)					HG Type 2.5.7 (Race1)			
Entry	Line	Mean	FI	Rating	Mean	FI	Rating	Test
13	U03-200226	225	95	NR	344*	108	NR	06 PT IIIB
14	U03-200255	154	62	NR	1	1	HR	06 PT IIIB
18	U03-300315	168	75	NR	312*	98	NR	06 PT IIIB
19	U03-300322	195	82	NR	113	105	NR	06 PT IIIB
20	U03-300330	194	68	NR	144	133	NR	06 PT IIIB
22	U03-400152	27	10	* small root	70	65	NR	06 PT IIIB
23	U03-400310	165	69	NR	134	124	NR	06 PT IIIB
24	U03-400356	207	89	NR	375*	118	NR	06 PT IIIB
25	U03-400435	137	63	NR	114	106	NR	06 PT IIIB
1	LD00- 3309	41	16	R	34	31	MR	06 UT IV
2	LS93-0375 (SCN)	20	11	R	44	40	LR	06 UT IV
6	LD00- 2817W	7	2	* small root	4*	1	HR	06 UT IV
11	LS01-1158	18	8	HR	41	38	MR	06 UT IV
12	LS02-0455	41	17	* missing sample	52	48	LR	06 UT IV
13	LS02-2213	12	5	HR	42	39	MR	06 UT IV
14	LS03-1416	14	8	HR	23	21	R	06 UT IV
15	LS03-2036	12	5	HR	42	39	MR	06 UT IV
16	LS03-4993	5	3	HR	279*	88	NR	06 UT IV
17	LS03-5289	44	15	R	73	68	NR	06 UT IV
18	LS03D-3285	5	3	HR	5	4	HR	06 UT IV
15	ND03-2874	10	7	HR	238*	75	NR	06 UT 0RR
16	ND03-2991	71	29	MR	291*	91	NR	06 UT 0RR
1	AG1501	67	14	R	54	50	LR	06 UT IRR
2	SD1111RR	199	82	NR	96	89	NR	06 UT IRR
3	MN1803RR	176	69	NR	73	67	NR	06 UT IRR
4	DKB 20-52 (SCN)	40	22	R	233*	73	NR	06 UT I,II RR
18	SDX00R-026-42	25	8	HR	276*	87	NR	06 UT IRR
5	LD03-23480R	124	59	LR	294*	92	NR	06 PT IRR
1	AG2403	194	78	NR	72	66	NR	06 UT IIRR
3	DKB 26-52 (SCN)	17	8	HR	251*	79	NR	06 UT IIRR
4	AG2801 (SCN)	42	19	R	73	68	NR	06 UT IIRR
1	DKB 34-51	26	10	R	76	71	NR	06 UT IIIRR
2	DKB 31-51	49	20	R	71	65	NR	06 UT IIIRR
3	AG3203	61	25	MR	65	60	NR	06 UT IIIRR
4	DKB 38-52 (SCN)	55	21	R	217*	68	NR	06 UT III,IVRR
19	SS01-13372	62	28	MR	73	68	NR	06 UT IIIRR
20	SS01-14319	32	12	R	62	57	LR	06 UT IIIRR
1	AG4201 (SCN)	31	12	R	274*	86	NR	06 UT IVRR
3	MPV 457RR	43	23	R	96	89	NR	06 UT IVRR
4	AG4403 (SCN)	97	45	LR	230*	72	NR	06 UT IVRR
14	SS01-13352	57	24	R	63	58	LR	06 UT IVRR
15	SS01-17773	23	12	R	63	58	LR	06 UT IVRR

IDENTIFICATION OF PARENT STRAINS 2006

Strain	Parentage
A1	Anoka x Mack
A2	M63-17 x C1453
A4	L15 x AP68-1016
A8	A4 x Century
A13	Selection from AP9 Fe (S 1) C7
A29	1%-linolenic plant selection developed by Iowa State University
A55-5629-4	Roanoke x Hawkeye
A72-507	Amsoy x Wayne
A72-512	Amsoy x Wayne
A75-204018	IVR4731 x Wirth
A76-103002	AP6
A76-304020	(Beeson x AP68-1016) x (L15 x Calland)
A77-211021	Beeson x A72-507
A78-123018	Pride B216 x Hodgson
A81-151026	A75-204018 x Century
A81-356022	Century x A76-304020
A82-161034	A76-103002 x A77-211021
A82-267015	AP6MTW 2YT (F4) C2
A83-271027	NK S1492 x Asgrow A3127
A85-182007	Vinton 81 x Hardin
A86-186011	AP9 populations
A86-301024	A81-356022 x Hack
A87-187020	Jacques J103 x A81-151026
A87-395012	Fayette x Asgrow A3659
A89-144026	Jacques J231 x A8
A89-246006	A85-182007 x [(Vinton 81 x Pride B216) x A82-267015]
A91-501002	AP2190 x A86-301024
A92-525014	IA2008 x Kenwood
A92-535059	Asgrow A2187 x [(A86-186011 x DSR 252) x A87-187020]
A92-627030	Kenwood x Asgrow A3205
A93-751019	A89-246006 x LS301
A94-572028	(NK S19-90 x Bell) x A89-144026
A94-674017	Pioneer P9303 x Kenwood
A94-770314	Pioneer P9303 x A87-395012
A95-485020	(Pioneer 7273 x A13) x Jack
A95-581028	Marcus x Pioneer 9273
A95-682026	Pioneer P9273 x A89-144036
A96-492041	Northrup King S24-92 x Northrup King S19-90
A96-492058	IA3003 x Northrup King S24-92
A96-494018	Northrup King S24-92 x A91-501002
A96-691030	AP 3035 x Pioneer P9273
A97-553017	Pioneer YB280 x (Pioneer YB280 x A29)
A97-770012	NK S20-20 x Asgrow A2234
A97-770051	Pioneer 9273 x (A92-535059 x IA1006)
A97-771039	A92-627030 X ORC 9205
A97-871009	NK S20-20 x (A92-535029 x IA20121)
A97-874007	A93-751019 x IA3006
A97-874014	A93-751019 x IA3006
A98-884037	IA2036 x Pioneer P9281
A98-980047	Pioneer 9321 x NK S24-92
A99-216029	IA2036 x AP1995
A99-216031	A94-773014 x AP1995
A00-711003	A95-485020 x IA2036
A00-711020	A95-485020 x IA2036

IDENTIFICATION OF PARENT STRAINS 2006

Strain	Parentage
A00-711024	A95-485020 x IA2036
A00-711025	Pioneer 9233 x IA2036
A00-711036	Pioneer 9233 x IA2036
A00-711042	Pioneer 9321 x IA2036
A00-712040	NK S20-91 x AP3355
A01-409003	A97-874014 x A96-492041
A01-410009	Pioneer 9306 x IA1009
A01-511017	A97-874014 x A96-492041
A01-511020	A97-874007 x AgriPro 1995
A01-512030	Pioneer 9321 x IA1009
A01-512036	U94-2306 x IA1009
A01-512050	IA2050 x IA1009
A01-611005	A97-874007 x IA1009
A01-611037	A97-874014 x A96-492058
A01-612016	A97-874014 x Pioneer 9321
A01-612043	IA1008 x Pioneer 9321
A15025B011	unknown
A15025B020	unknown
AP6	40 lines intermated (Crop Sci.15:739, 1975)
AP9	Iron-def. chlor. resis. (Crop Sci.20:677, 1980)
AP1989	unknown
AP1995	unknown
AP3355	unknown
AP68-1016	Clark(5) x PI 84.946-2
AP X0121B74	unknown
AgriPro 26	Beeson x Calland
AgriPro AP1989	Agripro 26 x Vickery
AgriPro AP1995	unknown
Agripro AP3035	unknown
Agripro XC21Y07	unknown
Agripro XC29B34	unknown
Agripro XC31Y31	unknown
Agripro XC32Y06	unknown
Agripro X991A25	unknown
Asgrow A1564	Hark x C1453
Asgrow A2187	A2 x Asgrow A2527
Asgrow A2234	[(Calland x Amsoy) x Century (3)] x Williams 82
Asgrow A2242	Sherman x XP1928
Asgrow A2506	
Asgrow A2543	Asgrow A3127 x (Century 84(2) x A79-134008)
Asgrow A2575	C1453 x Amsoy 71
Asgrow A2943	Asgrow 1564 x Asgrow A3127
Asgrow A3127	Williams x Essex
Asgrow A3205	Northrup King S 1474 x Asgrow A3127
Asgrow A3322	
Asgrow A3427	X3826 x Asgrow A3127
Asgrow A3659	Williams x Essex
Asgrow A3935	M0474C x Asgrow A3127
Asgrow A4009	Asgrow A3860 x Fayette
Asgrow A4138	Asgrow A4009 x Asgrow A4595
Asgrow A4595	Douglas x Asgrow A3127
Asgrow A4715	Asgrow A5474 x (Douglas x Asgrow A3127)
Asgrow A5474	(Tracy x D71-6234) x J74-122
Asgrow A9243	A1564 x A3127

IDENTIFICATION OF PARENT STRAINS 2006

Strain	Parentage
AX56P64-1	Adams x Harosoy
AX162-12	Ford x PI 68.708
AX210-39-2	D49-2491(4) x AX162-12(Ford x PI 68.708
BARC-6	CX797-21 x D76-8070
BD22115-13	(Amsoy x Portage) x Holmberg 840-7-3 (From S.A. Holmberg, Sweden)
B01817B006	Unknown
C1079	Lincoln x Ogden
C1253	Blackhawk x Harosoy
C1266R	Harosoy x C1079
C1453	C1266R x C 1253
C1727	M2 selection from Century
CX1517-171	CRS-998-24-1 x C1727
CX1834-1-2	Athow x M153-1-4-6-14
C1944	CX1517-171
C1963	HC86-4367 x HS88-4909
C1842	(Spencer(2) x Pella) x Resnik
CM304	Unknown
CM497	Unknown
CRS3-998-24-1	Selection from high protein recurrent selection population
D49-2491	S100 x CNS = sister line of Lee
D61-2624	D49-2491(4) x PI 171.862
D61-3505	D49-2491(2) x PI 171.862
D66-7398	D61-3505 x (PI 96.035 x D61-2624)
D71-6234	D66-7398 x PI 95.560
Dairyland DSR-304	Williams x Unknown
Dairyland 87121	Unknown
Dairyland 98638	Unknown
Dairyland 98822	Unknown
Dairyland 99433	Unknown
Dairyland 99504	Unknown
Dekalb 339c	Unknown
DPL 3478	
E86237	Prosoy PS104 x HW8028
E93424	Asgrow A2943 x NK S23-12
E93433	Asgrow A2943 x NK S23-12
E94172	Hack x AP 1989
E95882	Felix x NK S19-90
E98195	
EF59	Essex x Forrest
Holmberg 840-7-3	PI 438.475
HM8536	HW79149 x Higan
HS84-6224	HW79015(5) x HW79149
HS84-6276	Harper (3) x Williams 82
HS86-4367	
HS88-4909	Conrad x Hayes
HS88-4988	Winchester x A83-271027
HS88-7363	Voris 311 x Resnik
HS90-3487	HS84-6276 x Conrad
HS90-37100	HS84-6224 x Conrad
HS91-4825	Burlison x A86-301024
HS93-4118	IA2007 x Dairyland DSR 304
HS94-4530	HS88-7363 x HS88-4988
HS96-3332	Parker x HS90-37100
HS97-4544	P9268-003 x Vertex

IDENTIFICATION OF PARENT STRAINS 2006

Strain	Parentage
HS97-4555	P9268-003 x Vertex
HS97-5261	HS94-4530 x IA 3004
HS98-3407	
HS98-3628	Defiance x HS91-4825
HW 79022	Woodworth x L70-347-1-60-2B
HW 79149	(A72-507(6) x A1) x (A72-507(5) x PI82.263.2)
HW79015	A72-512 x Oakland
IVR 1120	Provar x (AX56P64-1 x PI 191.110-1)
IRV Ex4731	Amsoy x Wayne
JA53-7-6	PI358.323
J74-122	Forrest(3) x PI 88.788
Jacques J103	Clay x Williams
Jacques J231	(Hodgson x Calland) x Cosoy
K1235	Hutcheson x Asgrow A3966
K1277	Hutcheson x Asgrow A3428
K1370	Delsoy 4210 x Asgrow A3935
K1410	KS4694 x C1842
K1454	KS4694 x HS90-3487
K74-114-75-00	Tracy x Bonus
K97-34	K1235 x RR
K97-36	KS4895 x RR
K97-39	K1277 x RR
K97-132	K1235 x K97-34
K97-133	KS4895 x K97-39
K97-135	K1277 x K97-39
Land O'Lakes 97-37364	Unknown
L15	Wayne(6) x Clark 63
L57-0034	Clark x Adams
L70T-543	L15 x Amsoy 71
L70-2283	Custer x Chippewa
L70-347-1-60-2B	
L73-4673	Corsoy x L57-0034
L74-3397	
L75-8020	Williams x L70-2283
L77-443	Union x L75-8020
L77-906	Williams x PI 209.332
L78-189	Corsoy x Kingwa
L85P-558	L73-4673 x Fayette
LG84-1269	PI 227.333 x PI 91.730-1
LG84-1291	PI 68.552 x Hobbit
LG86-2734	PI 424.195B x PI 361.066A
LG86-3574	PI 424.195B x PI 407.710
LG88-2248	PI 438.151 x A78-123018
LG88-3146	PI 427.099 x PI 445.830
LG88-2695	Ripley x PI 370.059
LG88-2696	Ripley x PI 370.059
LG85-3343	PI 361.064 x PI 407.710
LG89-1525	PI 90.566-1 x L74-3397
LG89-7619	Ripley x PI 445.837
LG89-8665	PI 436.682 x Ripley
LG90-2179	PI 437.851A x Ripley
LG92-1255	LG84-1291 x A3127
LG92-4208	LG84-1269 x Chamberlain
LG93-7604	LG85-3343 x S42-30

IDENTIFICATION OF PARENT STRAINS 2006

Strain	Parentage
LG93-7654	LG86-2734 x Asgrow A3205
LG95-258	LG86-3574 x LG88-2694
LG96-1488	LG89-8665 x LG88-2696
LG96-1711	LG88-3146 x LG88-2248
LG96-1971	LG89-7619 x Asgrow A3935
LG96-3159	LG89-7619 x Asgrow A3935
LG97-7363	LG90-2179 x LG88-3146
LG97-9692	LG89-1525 x Asgrow A3322
LN81-1029	K74-114-75-00 x Pella
LN88-10534	LN81-1029 x Asgrow A2943
LN94-480-97	Jack x Pioneer P9273
LN94-15200-97	Jack x Hartwig
LN95-5454	Jack x IA3003
LN97-11505	Thorne x Cisne
LS301	unknown
LS92-4173	Flyer x Pyramid
LS94-3207	Pharoh x Hartwig
LS96-0735	Flyer x Asgrow A4715
Md92-5850	Hamilton x Bass
Md94-5463	Spencer x Corsica
MO 304-21	S10 x Mitchell
M0385	IVR 1120 x Calland
M0474C	White-flowered off type in Mitchell
M10	Lincoln (2) x Richland
M153	M 153 mutation line.
M319W	Lincoln x Hawkeye
M402	Renville x Cappital
M406	Harosoy x Norchief
M42-37	Lincoln (2) x Richland
M54-110	Harosoy x Norchief
M54-132	M10 x Capital
M54-139	Renville x Capital
M54-240	Korean x M42-37
M59-120	M54-240 x M54-139
M68-49-26	Exans x M59-120
M62-263	Grant X M319W
M63-17	M402 x M54-110
M63-194	Corsoy x PI 132.207
M68-49	Evans x M59-120
M68-303	M60-406 x Beeson
M60-406	Blackhawk x Harsoy
M69-20	Merit x Clay
M70-294	JA53-7-6 x M63-217Y
M71-38	Wilkin x M62-263
M71-148	Clay x Evans
M74-227	M68-49 x M63-194
M74-394	Hodgson x Wells
M75-89	Corsoy x M68-303
M75-274	Evans x L70T-543
M76-65	M69-20 x McCall
M81-27	M68-49-26 X M70-294
M83-16	A2 X Hodgson 78
M83-18	A2 x Hodgson 78
M83-64	M74-227 x L78-189

IDENTIFICATION OF PARENT STRAINS 2006

Strain	Parentage
M83-499	M71-38 x L78-189
M83-727	M73-62 x Simpson
M83-766	Evans x M74-394
M85-23	M71-148 x Simpson
M86-1973	M75-89 x L77-906
M87-330	M76-55 x Ozzie
M87-346	M76-55 x Simpson
M87-1088	Evans x Ozzie
M88-504	M83-499 x M83-18
M90-1279	BSR101 x Kato
M90-1437	Dawson x HM8536
M90-178161	M85-23 x A20
M90-184111	L85P-558 x M86-1973
M91-821	M83-766 x Leslie
M91-1416	M83-727 x A86-104011
M91-134038	Harmony x Ozzie
M92-120014	M87-1088 x Dawson
M92-191023	M88-504 x Kenwood
M92-270029	M87-227 x M87-346
M93-310162	M87-330 x Glacier
M93-313185	Agassiz x M90-1437
M95-211102	SD92-1272 x Agassiz
M95-274132	Council x S19-90
M95-601001	Parker x PABU2-2
M96-133044	Hendricks (2) x Resnick BC2F2 RR
M96-133151	Lambert (2) x Resnik BC2F2 RR
M96-134102	Hendricks(2) x Resnik
M96-136086	ND(M)90-370(2) x Resnik
MN1504RR	Lambert(2) x Resnik
Md96-5722	KS4694 x Corsica
ND88-800	Maple Amber x Evans
ND89-1112	McCall x Maple Ridge
ND(M)90-370	M81-27 x M83-16
ND92-2381	M83-64 x Pioneer 9061
ND92-2381RR	ND92-2381(3) x Resnik(RR)
ND95-938	ND88-800 x Pioneer 9061
ND95-952	ND88-800 x Pioneer 9061
ND95-6634	Alpha x OT90-9
ND96-1006	Glacier x Council
Northrup King S1346	A55-5629-4 x PI 257.435
Northrup King S1474	Hark x Wayne
Northrup King S1492	Corsoy x Wayne
Northrup King S19-90	Pride B152 x Pella
Northrup King S20-20	Pride B152 x CM497
Northrup King S20-91	Unknown
Northrup King S23-12	NK S1346 x Asgrow A2575
Northrup King S24-92	Asgrow A3 127 x [(IVR 1120 x Calland) x (Mitchell x Cutler 71)]
NK S29-18	unknown
OAC 94-11	RCAT Angora x Harosan
OAC 00-01	OAC Bayfield x (OT89-16 x OAC Shire)
OAC 00-17	A92-525014 x OAC Vision
ORC 9002	A81-151026 x Eglin
OT89-16	AC Proteus
OT90-9	(Thompson 7803 x BD22115-13) x McCall

IDENTIFICATION OF PARENT STRAINS 2006

Strain	Parentage
OT92-8	Baron x Maple Donovan
OT99-2	{(AC Bravor x RAGT86L579) x Ac Harmony}
OXR-96202	Defiance x (Harosoy x PI 567.642A)
OXR-96243	NK S29-18 x PI 274.421
OXR961095	Resnik BC (Roundup Ready) x HS93-1882-41
PABU2-2	Forage type from Devine
Peterson 85	Provar x (Amsoy x PI 248.404)
P9268-003	PI 92718.2 x P9271
Pioneer P1677	Rampage x Corsoy (2)
Pioneer P1951	
Pioneer P1963	
Pioneer P2981	Hark x (Corsoy x Calland)
Pioneer P9004	Maple Ridge x Lakota
Pioneer P9061	Wells x Pioneer P1677
Pioneer P9071	Pioneer P9061 x Pioneer P9181
Pioneer P9181	Beeson x Williams
Pioneer P9091	Peterson 85 x P1677
Pioneer P9092	Pioneer P9061 x S15-50
Pioneer P9233	Unknown
Pioneer P9271	(Corsoy x Magna) x Williams
Pioneer P9273	Pioneer P2981 x Asgrow 3127
Pioneer P9281	Hark x (Corsoy x Calland)
Pioneer P9303	Pioneer P2981 x M0835
Pioneer P9321	MO30421 x (Weber x Asgrow A3127)
Pioneer P9341	CM304 x Asgrow A3127
Pioneer P9352	
Pioneer P9381	(Essex x L69-4143) x Sprite
Pioneer P9402	(L77-994 x Asgrow A3127) x L77-994
Pioneer 91B01	Asgrow A2234 x P9061
Pioneer 91B42	Unknown
Pioneer 92B12	Unknown
Pioneer 92B37	Unknown
Pioneer 93B82	Unknown
Pioneer 93B86	Unknown
Pioneer XB28V99	Unknown
Pioneer XB29D01	Unknown
Pioneer YB280	Unknown
Pride B152	Northrup King S 1346 (6) x Mack
Pride B216	Corsoy x Wayne
RCAT 99-01	NK S24-92 x RCAT Bobcat
RxEF59-79	Ripley x EF59
Runo	PI597402 From Krasnador Russia
S10	Unknown
S20	Unknown
S1492	Corsoy x Wayne
S15-50	(Mack x Corsoy x B216(2)) x (S1492 x Lee 74)
S19-90	Pride B-216 x Pella
S86-4499	(L77-443x L77-906) x Pella
SD91(M)91-1574	L1-5 x Glenwood
SD92-1272	Sibley x Kato
Sd93-828E	Parker x Archer
SD93-828	Parker x Archer
SD93-828R	SD93-828(4) x Resnik RR
SD93-851	Parker x Archer

IDENTIFICATION OF PARENT STRAINS 2006

Strain	Parentage
SD93-1037	Parker x Sibley
SD93-1037RR	SD93-1037(4) x Resnik RR
SD93-1040	Parker x Sibley
SD93-1040RR	Parker x Sibley
SD93-1043	(Parker x Sibley) x Resnik RR
SD94-27	Sturdy x Sibley
SD94-020R	SD94-186 x SD94-1208RR
SD94-027R	SD94-186 x SD94-1208RR
SD94-782	ORC 9002 x Agassiz
SD94-808	Parker x Archer
SD95-610	
SD95-781	Lambert x Parker
SD95-1518	Glenwood x Parker
SD95-1520	Glenwood x Parker
SD96-2156	Parker x SD(M)91-1574
SD96-33	IA2008 x Hendricks
SD96-702	ORC 9002 x Ozzie
SD98-2716	
SD99-002R	SD94-186 x SD94-1208RR
SD99-003R	SD94-186 x SD94-1208RR
SD99-011R	SD94-808 x SD93-1040RR
SD99-017R	SD94-808 x SD93-1040RR
SD(ND)95-1663	Parker x Pioneer 9061
SD(ND)95-1664	Parker x Pioneer 9061
SDX98-82-9-2	U97-2519 x C1944
SD98-74-16-1	SL92-1272M x PI 438.025
SDX98-75-11-2	M93-141-16-3 x C1944
SN94-4337	Jack x Pioneer P9341
SS94-7546	Pioneer 9341 x S86-4499
Sui Nong 10	PI 593953
Soygenetics 96-05287	unknown
Syngenta S10-F2	unknown
Syngenta S16-Y6	unknown
Syngenta S30-Y8	unknown
Thompson 7803	Wells x Williams
Thompson T-3211	unknown
U94-2306	Holt x Dairyland DSR 304
U96-2408	Colfax x Iroquois
U96-2208	Colfax x A91-701035
U97-3114	MSBP3F6
U97-207904	
U98-307917	U94-2306 x A92-77021
U98-311442	
U99-009019	MSBP6S4
UP1Fe (S1) C7-150	S1 line intermated population
UP1Fe-30	G. Graef
UP3YC1S3	Intermated population
Voris 311	S10 x Mitchell
XP1928	(Hardin x Williams 82) x {[Tracy x Williams) x HW79149]
059-903	PI 438471
2S11	059-903 x Hardome
4-24	Olympus x RR
40-3-2	Monsanto transformed glyphosate line.

2006 UNIFORM AND PRELIMINARY TEST LOCATIONS

			Uniform Tests						Preliminary Tests				Uniform Tests RR						Prelim. RR	
Location	Tests Conducted By:		00	0	I	II	III	IV	0	I	II	III	00	0	I	II	III	IV	I	II
IA Ames	W. Fehr				X	X	X			X	X	X								
Carlisle	W. Fehr						<u>X</u>					<u>X</u>								
Charles City	W. Fehr				<u>X</u>					<u>X</u>										
Rippey	W. Fehr					<u>X</u>					<u>X</u>									
IL Belleville	M. Schmidt							X										X		
Dekalb	B. Diers				X															
Harrisburg	M. Schmidt							X										X		
Newton	B. Diers					<u>X</u>	<u>X</u>													
Urbana	B. Diers				X	<u>X</u>	<u>X</u>				<u>X</u>	<u>X</u>				<u>X</u>	<u>X</u>	<u>X</u>		<u>X</u>
IN Lafayette	W. Crochet/S. Abney				<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		<u>X</u>	<u>X</u>	<u>X</u>				<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
Wanatah	W. Crochet/S. Abney				<u>X</u>	<u>X</u>	<u>X</u>									<u>X</u>	<u>X</u>	<u>X</u>		<u>X</u>
KS Ashland	W. Schapaugh Jr.						<u>X</u>	<u>X</u>				<u>X</u>					X	<u>X</u>		
Manhattan	W. Schapaugh Jr.							X									<u>X</u>	X		
Ottawa	W. Schapaugh Jr.																X	X		
KY Lexington	E. Lacefield							<u>X</u>										<u>X</u>		
Man Morden	A. Sloan	X																		
MD Queenstown	W. Kenworthy						X	X										X		
MI Ingham Co.	D. Wang / J. Boyse				X	X				X	X					X	X		X	X
Lenawee Co.	D. Wang / J. Boyse					X										X				
Saginaw Co.	D. Wang / J. Boyse				X											X				
Grand Traverse Co.	D. Wang / J. Boyse													X						
Presque Isle	D. Wang / J. Boyse													X						
MN Crookston	J. Orf	X											<u>X</u>							
Lamberton	J. Orf				<u>X</u>	X				<u>X</u>					X				<u>X</u>	
Moorhead	J. Orf	<u>X</u>											<u>X</u>							
Morris	J. Orf			<u>X</u>					<u>X</u>						<u>X</u>					
Rosemount	J. Orf			<u>X</u>					<u>X</u>						<u>X</u>					
Shelly	J. Orf	<u>X</u>											<u>X</u>							
Waseca	J. Orf				<u>X</u>	<u>X</u>				<u>X</u>					<u>X</u>				<u>X</u>	
MO Columbia	D. Sleper						<u>X</u>	X									<u>X</u>	X		
Portageville (Clay)	G. Shannon						X	X									X	X		
Portageville (Loam)	G. Shannon						X	<u>X</u>									X	<u>X</u>		

2006 UNIFORM AND PRELIMINARY TEST LOCATIONS

Location	Tests Conducted By:	Uniform Tests						Preliminary Tests				Uniform Tests RR						Prelim. RR	
		00	0	I	II	III	IV	0	I	II	III	00	0	I	II	III	IV	I	II
NE	Beemer			<u>X</u>	<u>X</u>				<u>X</u>	<u>X</u>					<u>X</u>				<u>X</u>
	Cotesfield			X	X				X	X					X				X
	Goehner			X	X	<u>X</u>			X	X	<u>X</u>				X	X			X
	DeWitt					X					X					<u>X</u>			
	Tekamah					X					X					X			
ND	Casselton	<u>X</u>	<u>X</u>					<u>X</u>				<u>X</u>	<u>X</u>						
	Northwood	*																	
OH	Hoytville				X	X				X	<u>X</u>								
	Wooster				<u>X</u>	<u>X</u>													
	St. Charleston					X	X				X								
ON	Beachburg	*										*							
	Chatham			X	X										X				X
	Dundalk	*																	
	Elora	<u>X</u>																	
	Harrow				<u>X</u>					<u>X</u>									
	Ottawa		<u>X</u>					<u>X</u>					<u>X</u>						
	Ridgetown								X										
	St. Pauls		<u>X</u>					<u>X</u>											
	Woodstock		<u>X</u>					<u>X</u>					<u>X</u>						
QUI	Saint Bruno	<u>X</u>	<u>X</u>					<u>X</u>											
	Saint-Hyacinthe			X					X			<u>X</u>	<u>X</u>	<u>X</u>				<u>X</u>	
SD	Aurora		<u>X</u>	<u>X</u>	X			<u>X</u>	<u>X</u>	X			X	X	X			X	X
	Arlington												<u>X</u>						
	Beresford														<u>X</u>				<u>X</u>
	Sinai													<u>X</u>	<u>X</u>				
	Watertown												<u>X</u>	<u>X</u>				<u>X</u>	
TN	Jackson						X										<u>X</u>		
X Location With Agronomic Data		7	8	14	18	17	14	8	12	11	10	5	11	10	12	12	13	8	10
<u>X</u> Location With Seed Composition Data		5	8	7	7	9	6	8	6	5	6	5	8	7	6	6	6	6	5
* Location data not submitted.																			

2006 DISEASE, SHATTERING, AND DESCRIPTIVE DATA

Location		Tests Conducted By:	Tests	UT	PT	UT RR	PT RR
IA	Humboldt	W. Fehr/K. Scholbrook	Fe Chlorosis	I-III	I-III		
IL	Paris	J. Klein, C. Schmidt	SDS	I-II		I-II	
	Carbondale	J. Klein, C. Schmidt	SDS	III		III-IV	
	Carmi	J. Klein, C. Schmidt	SDS	IV		III-IV	
IN	Lafayette	S. Abney	PS	I-IV	I-IV	I-IV	I,II
	Lafayette	S. Abney, B. Foss, and A. Westphal	FE	I-IV	I-IV	I-IV	I,II
	Lafayette	S. Abney	PR 4 & PR 7	00-IV	0-III	00-IV	I,II
	Lafayette	W. Crochet	Descriptive Code	00-IV	I-IV	00-IV	I,II
	Lafayette	W. Crochet	Green Stem		III		
MN	Granite Falls	J.H. Orf	Fe Chlorosis	00-IV	0-I	00-I	
ONT	Harrow	V. Poysa/B. Armstrong	Green Stem	II	II		
KS	Manhattan	W. Schapaugh, Jr.	Shattering Score	00-II,IV	0-II	00-IV	I,II
	Ashland	W. Schapaugh, Jr.	Shattering Score	III,IV	III	III,IV	
	Ottawa	W. Schapaugh, Jr.	Shattering Score			III,IV	
QUE	Saint Bruno	P.Turcotte	Green Stem	00-0	0		
TN	Jackson	P. Arelli, L. Fritz	Green Stem	IV			

Uniform Test 00, 2006

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	MN0071 (00)	Harmony x OT92-8	6	F5	Rps1
2.	Jim	Sigco KG20 x M81-18	6	F5	
3.	Traill (0)	M82-996 x Sigco KG20	11	F5	
4.	M98-211046	MN0302 x Daksoy	2	F5	Rps1-k
5.	M00-307023	M92-270029 x M93-313185	new	F5	Rps1
6.	M00-307055	M92-270029 x M93-313185	new	F5	Rps1
7.	M98-211117	MN0302 x Daksoy	new	F4	
8.	M99-215028	MN0301 x M92-270029	new	F5	Rps1
9.	M99-248011	Runo x MN1401	new	F5	Rps1
10.	M99-255036	Lambert x Sui Nong 10	new	F5	Rps6
11.	M99-280105	MN1301 X Glacier	new	F5	Rps1-c
12.	ND02-1687	Barnes x Korada	1	F4	Rps6
13.	ND02-2019	Sargent x ND96-1006	1	F4	Rps6
14.	ND02-3783	ND95-938 x Korada	1	F4	Rps6
15.	ND02-3788	ND95-938 x Korada	1	F4	Rps6
16.	ND02-4166	ND95-938 x Traill	1	F4	Rps6
17.	ND03-6752	Walsh x Traill	new	F4	Rps6
18.	ND03-6782	Walsh x AC Orford	new	F4	Rps6
19.	ND03-6793	Walsh x AC Orford	new	F4	Rps6
20.	ND03-6795	Walsh x AC Orford	new	F4	Rps6
21.	ND03-6807	Walsh x AC Orford	new	F4	Rps6
22.	ND03-7267	Walsh x MN0902CN	new	F4	Rps6
23.	OAC 04-06	(ND89-1112 x OAC Bayfield) x AC Glengarry	new	F5	
24.	OAC 05-02	OAC 00-17 x RCAT Angora	new	F5	

UNIFORM TEST 00, 2006

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Fe Chlorosis	Green Stem	Shattering	PR	
		Score Granite Falls MN	Score St. Bruno Que	Score Manhattan KS	Lafayette Race 4	Race 7
MN0071 (00)	PTBDYBrI	3.9	1.0	2.0	S	S
Jim	PGBDYYI	3.8	1.0	1.0	S	S
Traill (0)	PTBIYYI	3.4	1.0	1.0	S	S
M98-211046	PGSDYYI	3.3	1.0	1.0	R	R
M00-307023	PGBDYBfI	3.8	1.0	1.0	S	S
M00-307055	PGBDYIbI	3.2	1.0	1.0	S	S
M98-211117	PGTDYBfI	3.9	1.0	1.0	R	R
M99-215028	PGBDYYI	3.3	1.0	1.0	S	S
M99-248011	PGTDYIbI	3.8	1.0	1.0	S	S
M99-255036	P+WGBDYS	3.8	1.0	1.0	S*	S
M99-280105	WTBDYYI	3.8	1.0	1.0	S	R
ND02-1687	PGBDYBf+YI	3.7	1.0	2.0	H*	R*
ND02-2019	P+WTBDYYI	3.6	1.0	1.0	R	S
ND02-3783	PTBDYBrI	3.6	1.0	1.0	R	R*
ND02-3788	PTBDYBr+YI	3.0	1.0	2.0	R	S
ND02-4166	PGBDYBfI	3.5	1.0	1.0	H	S
ND03-6752	PTBDYYI	3.0	1.0	2.0	R	S
ND03-6782	PTBDYYI	3.5	1.0	1.0	R	S
ND03-6793	PGBIYYI	2.9	1.0	1.0	R	S
ND03-6795	PGBDYYI	3.8	1.0	1.0	R	S
ND03-6807	PG+TBIYYI	3.4	1.0	1.0	R	S
ND03-7267	WTBDYYI	3.3	1.0	1.0	R	S
OAC 04-06	PTBDYBrI	3.8	1.0	1.0	S	S
OAC 05-02	WTBDDYI	3.7	1.0	1.0	S	S

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

UNIFORM TEST 00, 2006

REGIONAL SUMMARY

No. of Tests Strain	Yield 7 bu/a	Rank 7 No.	Maturity 6 Date	Lodging 6 Score	Plant Height 6 In	Seed Size 6 g/100	Seed Quality 6 Score	<u>Composition</u>	
								Protein 5 %	Oil 5 %
MN0071 (00)	43.4	24	9/6	1.0	28	16.3	1.2	33.5	19.2
Jim	49.6	15	3.8	1.0	28	17.6	1.1	34.2	17.6
Traill (0)	50.1	13	8.7	1.1	30	17.9	1.1	36.2	17.4
M98-211046	53.1	6	8.5	1.2	33	17.0	1.2	34.7	17.1
M00-307023	47.2	21	6.8	1.0	28	13.3	1.3	34.5	17.7
M00-307055	53.9	3	8.5	1.1	31	14.0	1.1	34.3	18.2
M98-211117	49.3	16	6.0	1.2	30	16.2	1.6	34.7	17.6
M99-215028	53.3	4	8.8	1.1	31	14.1	1.3	33.7	18.1
M99-248011	54.7	2	15.3	1.3	32	15.8	1.2	34.7	17.7
M99-255036	53.2	5	17.0	1.4	31	15.5	1.2	34.7	18.0
M99-280105	48.9	19	10.8	1.1	34	17.4	1.1	35.9	17.3
ND02-1687	56.1	1	12.0	1.1	33	18.6	2.2	35.1	18.3
ND02-2019	49.0	18	4.5	1.0	29	18.1	1.6	33.2	18.3
ND02-3783	47.6	20	2.3	1.0	24	18.9	1.6	34.2	18.8
ND02-3788	52.9	7	12.3	1.2	32	17.3	1.5	35.1	17.9
ND02-4166	51.9	10	10.7	1.4	36	19.5	1.3	34.5	17.7
ND03-6752	50.7	11	5.0	1.0	29	18.6	1.2	35.9	18.0
ND03-6782	49.3	16	9.5	1.0	30	18.4	1.2	33.9	18.4
ND03-6793	46.0	23	5.3	1.0	29	19.3	1.5	34.9	18.5
ND03-6795	49.9	14	6.8	1.0	27	17.5	1.2	33.6	18.4
ND03-6807	47.1	22	9.8	1.0	33	16.5	1.3	34.1	17.8
ND03-7267	50.3	12	11.2	1.1	32	15.8	1.5	34.3	17.6
OAC 04-06	52.6	9	13.0	1.3	35	18.8	2.0	33.9	18.0
OAC 05-02	52.7	8	11.7	1.2	32	15.9	1.3	34.2	19.0

107.0 Days After Planting

UNIFORM TEST 00, 2006

2005-2006 2-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	15 bu/a	15 No.	15 Date	15 Score	14 In.	14 g/100	14 Score	12 %	12 %
MN0071 (00)	43.7	9	9/7	1.1	29	15.9	1.1	33.3	19.2
Jim	47.4	7	2.1	1.1	27	16.6	1.2	34.2	17.7
Traill (0)	47.8	6	6.9	1.2	29	16.8	1.1	35.5	17.7
M98-211046	51.0	2	6.6	1.3	31	16.2	1.2	34.6	17.4
ND02-1687	53.3	1	10.2	1.1	31	17.4	1.8	34.6	18.5
ND02-2019	48.6	5	3.4	1.1	28	17.5	1.4	33.4	18.2
ND02-3783	46.5	8	1.1	1.1	25	18.1	1.5	34.3	18.7
ND02-3788	50.9	3	9.5	1.1	30	16.7	1.5	34.6	18.4
ND02-4166	50.7	4	8.8	1.3	35	18.7	1.6	34.5	17.9

108.2 Days After Planting

2004-2006 3-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	21	21	23	24	23	22	22	17	17
MN0071 (00)	40.3	4	9/12	1.2	28	15.9	1.2	34.3	18.4
Jim	43.2	2	1.6	1.2	26	16.4	1.3	34.9	16.9
Traill (0)	43.0	3	6.1	1.3	28	16.6	1.3	36.1	17.0
M98-211046	44.4	1	6.8	1.4	30	15.6	1.3	35.3	16.7

112.7 Days After Planting

UNIFORM TEST 00, 2006

YIELD (bu/a)

Strain	Mean 7 Tests	Morden Man	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Elora Ont.	St. Bruno Montarville Que.
MN0071 (00)	43.4	60.9	38.4	37.1	32.0	35.4	49.2	51.1
Jim	49.6	71.2	41.6	35.5	44.8	39.5	58.9	56.0
Traill (0)	50.1	66.2	45.7	38.7	45.7	49.3	51.6	53.5
M98-211046	53.1	62.6	53.2	41.6	56.2	50.7	52.6	55.1
M00-307023	47.2	62.1	47.5	38.0	40.0	45.0	45.9	51.6
M00-307055	53.9	58.8	51.0	51.1	57.7	47.6	54.4	56.7
M98-211117	49.3	57.7	50.5	44.2	43.1	41.4	54.6	53.5
M99-215028	53.3	68.0	52.9	43.7	51.1	48.3	54.0	54.8
M99-248011	54.7	78.1	50.9	40.7	53.5	46.5	51.8	61.3
M99-255036	53.2	74.4	43.3	43.5	51.3	44.4	55.6	60.0
M99-280105	48.9	60.0	33.8	42.6	51.5	40.9	56.6	56.9
ND02-1687	56.1	68.9	53.6	44.1	53.1	46.3	64.5	61.9
ND02-2019	49.0	72.7	32.9	48.1	36.4	41.1	55.1	56.8
ND02-3783	47.6	72.0	45.5	37.8	33.1	43.5	50.2	51.1
ND02-3788	52.9	69.2	43.6	45.5	50.5	50.7	56.2	54.8
ND02-4166	51.9	54.1	52.3	43.8	48.4	45.1	50.3	69.4
ND03-6752	50.7	76.4	48.0	39.2	37.7	45.9	52.8	54.6
ND03-6782	49.3	62.5	48.6	43.0	40.8	45.8	50.6	54.0
ND03-6793	46.0	66.8	46.1	34.8	28.7	46.9	50.8	47.8
ND03-6795	49.9	75.7	37.6	48.1	38.3	41.1	54.7	53.7
ND03-6807	47.1	58.9	40.5	42.7	39.6	41.2	50.2	56.4
ND03-7267	50.3	66.4	48.2	40.8	49.1	44.5	48.4	54.4
OAC 04-06	52.6	74.1	43.6	42.0	46.4	47.3	55.1	59.6
OAC 05-02	52.7	75.4	48.3	41.2	46.8	41.4	58.7	57.4
C.V. (%)		9.9	8.1	9.4	9.6	11.7	6.8	6.1
L.S.D. (5%)		9.1	3.1	6.5	7.1	8.3	6.1	7.1
Row Sp. (in.)		8	12	10	10	30	14	7
Rows/Plot		5	8	8	4	4	4	5
Reps		3	3	3	3	3	3	2

UNIFORM TEST 00, 2006

YIELD RANK

Strain	Yield Rank	Morden Man	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Elora Ont.	St. Bruno Montarville Que.
MN0071 (00)	24	19	21	22	23	24	22	23
Jim	15	9	19	23	14	23	2	11
Traill (0)	13	15	14	19	13	3	16	20
M98-211046	6	16	2	14	2	1	14	12
M00-307023	21	18	12	20	17	13	24	21
M00-307055	3	22	5	1	1	5	11	9
M98-211117	16	23	7	5	15	17	10	19
M99-215028	4	12	3	8	7	4	12	14
M99-248011	2	1	6	17	3	8	15	3
M99-255036	5	5	18	9	6	15	6	4
M99-280105	19	20	23	12	5	22	4	7
ND02-1687	1	11	1	6	4	9	1	2
ND02-2019	18	7	24	2	21	20	7	8
ND02-3783	20	8	15	21	22	16	20	22
ND02-3788	7	10	16	4	8	1	5	13
ND02-4166	10	24	4	7	10	12	19	1
ND03-6752	11	2	11	18	20	10	13	15
ND03-6782	16	17	8	10	16	11	18	17
ND03-6793	23	13	13	24	24	7	17	24
ND03-6795	14	3	22	2	19	20	9	18
ND03-6807	22	21	20	11	18	19	20	10
ND03-7267	12	14	10	16	9	14	23	16
OAC 04-06	9	6	16	13	12	6	7	5
OAC 05-02	8	4	9	15	11	17	3	6

UNIFORM TEST 00, 2006

MATURITY (date)

Strain	Mean 6 Tests	Morden Man	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Elora Ont.	St. Bruno Montarville Que.
MN0071 (00)	9/6		8/30	9/1	9/16	9/6	9/7	9/7
Jim	3.8		1	7	14	0	0	1
Traill (0)	8.7		9	11	18	6	2	6
M98-211046	8.5		9	12	16	6	4	4
M00-307023	6.8		9	11	15	3	0	3
M00-307055	8.5		9	13	17	5	1	6
M98-211117	6.0		9	10	9	1	1	6
M99-215028	8.8		11	12	16	8	0	6
M99-248011	15.3		24	16	24	12	5	11
M99-255036	17.0		25	21	26	13	6	11
M99-280105	10.8		11	15	21	11	2	5
ND02-1687	12.0		14	15	22	8	5	8
ND02-2019	4.5		5	8	8	6	-1	1
ND02-3783	2.3		6	6	8	-2	-4	0
ND02-3788	12.3		14	15	26	8	1	10
ND02-4166	10.7		12	14	19	9	2	8
ND03-6752	5.0		6	8	10	4	-2	4
ND03-6782	9.5		8	9	33	6	-1	2
ND03-6793	5.3		27	4	5	-1	-4	1
ND03-6795	6.8		12	9	12	5	0	3
ND03-6807	9.8		12	12	17	10	2	6
ND03-7267	11.2		31	12	17	5	-1	3
OAC 04-06	13.0		15	13	22	15	4	9
OAC 05-02	11.7		14	14	24	10	1	7
Date Planted	5/22	5/26	5/17	5/17	5/16	5/20	5/25	6/2
Days to Mature	107		105	107	123	109	105	97

UNIFORM TEST 00, 2006

LODGING (score)

Strain	Mean 6 Tests	Morden Man	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Elora Ont.	St. Bruno Montarville Que.
MN0071 (00)	1.0		1.0	1.0	1.0	1.0	1.2	1.0
Jim	1.0		1.0	1.0	1.0	1.0	1.0	1.0
Traill (0)	1.1		1.0	1.0	1.0	1.0	1.3	1.5
M98-211046	1.2		1.0	1.0	1.0	1.0	1.3	2.0
M00-307023	1.0		1.0	1.0	1.0	1.0	1.0	1.0
M00-307055	1.1		1.0	1.0	1.0	1.0	1.2	1.5
M98-211117	1.2		1.3	1.0	1.0	1.0	1.0	2.0
M99-215028	1.1		1.0	1.0	1.0	1.0	1.0	1.5
M99-248011	1.3		1.3	1.0	1.0	1.0	1.2	2.0
M99-255036	1.4		1.3	1.0	1.0	1.0	1.5	2.5
M99-280105	1.1		1.0	1.0	1.0	1.0	1.3	1.5
ND02-1687	1.1		1.0	1.0	1.0	1.0	1.0	1.5
ND02-2019	1.0		1.0	1.0	1.0	1.0	1.0	1.0
ND02-3783	1.0		1.0	1.0	1.0	1.0	1.0	1.0
ND02-3788	1.2		1.0	1.0	1.0	1.0	1.0	2.0
ND02-4166	1.4		1.3	1.0	1.0	1.0	1.3	2.5
ND03-6752	1.0		1.0	1.0	1.0	1.0	1.0	1.0
ND03-6782	1.0		1.0	1.0	1.0	1.0	1.0	1.0
ND03-6793	1.0		1.0	1.0	1.0	1.0	1.0	1.0
ND03-6795	1.0		1.0	1.0	1.0	1.0	1.0	1.0
ND03-6807	1.0		1.0	1.0	1.0	1.0	1.0	1.0
ND03-7267	1.1		1.0	1.0	1.0	1.0	1.0	1.5
OAC 04-06	1.3		1.7	1.0	1.0	1.0	1.3	1.5
OAC 05-02	1.2		1.3	1.0	1.0	1.0	1.5	1.5

UNIFORM TEST 00, 2006

PLANT HEIGHT (inches)

Strain	Mean 6 Tests	Morden Man	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Elora Ont.	St. Bruno Montarville Que.
MN0071 (00)	28		23	26	24	34	39	24
Jim	28		25	27	24	32	37	24
Traill (0)	30		28	29	27	33	38	27
M98-211046	33		31	26	30	35	43	32
M00-307023	28		22	29	23	33	34	26
M00-307055	31		25	33	27	34	38	28
M98-211117	30		30	29	24	34	35	29
M99-215028	31		25	33	28	35	37	30
M99-248011	32		26	33	29	33	36	32
M99-255036	31		22	33	29	28	40	32
M99-280105	34		28	35	28	40	40	30
ND02-1687	33		33	35	28	36	39	28
ND02-2019	29		24	32	24	30	36	26
ND02-3783	24		19	26	22	27	30	19
ND02-3788	32		27	33	26	34	37	32
ND02-4166	36		36	39	34	35	40	34
ND03-6752	29		26	30	24	33	36	25
ND03-6782	30		28	32	26	27	38	29
ND03-6793	29		26	28	23	35	39	26
ND03-6795	27		21	27	22	33	32	28
ND03-6807	33		28	33	27	38	39	36
ND03-7267	32		28	35	31	31	35	31
OAC 04-06	35		36	32	31	33	43	32
OAC 05-02	32		28	32	26	36	39	28

UNIFORM TEST 00, 2006

SEED SIZE (g/100)

Strain	Mean 6 Tests	Morden Man	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Elora Ont.	St. Bruno Montarville Que.
MN0071 (00)	16.3		15.1	15.6	16.6	16.3	16.3	17.7
Jim	17.6		16.1	16.5	18.0	17.0	19.5	18.5
Traill (0)	17.9		17.4	15.2	19.3	19.9	16.9	18.7
M98-211046	17.0		16.8	16.9	17.0	16.8	17.3	17.1
M00-307023	13.3		12.2	12.8	14.1	13.9	12.6	14.2
M00-307055	14.0		12.5	13.6	14.3	13.9	15.0	14.6
M98-211117	16.2		15.8	16.0	17.3	16.2	15.9	15.9
M99-215028	14.1		14.9	13.8	14.3	13.8	13.0	14.9
M99-248011	15.8		16.1	15.2	15.0	14.7	16.6	17.3
M99-255036	15.5		13.8	15.3	16.4	14.3	15.8	17.2
M99-280105	17.4		16.3	16.2	17.6	17.0	18.1	18.9
ND02-1687	18.6		18.3	17.6	19.3	18.7	18.4	19.0
ND02-2019	18.1		19.2	15.8	18.0	17.1	19.6	18.9
ND02-3783	18.9		17.3	19.0	19.0	19.2	19.9	18.9
ND02-3788	17.3		16.4	16.6	18.2	16.9	17.5	18.1
ND02-4166	19.5		18.7	19.1	20.0	18.4	18.8	21.7
ND03-6752	18.6		17.4	17.3	20.2	20.4	17.0	19.5
ND03-6782	18.4		17.3	17.4	18.2	18.8	19.0	19.6
ND03-6793	19.3		18.5	17.3	18.7	19.7	20.5	21.0
ND03-6795	17.5		18.2	16.6	17.2	16.8	17.7	18.4
ND03-6807	16.5		15.7	16.2	18.0	14.3	16.1	18.4
ND03-7267	15.8		14.6	14.1	15.9	16.4	16.3	17.5
OAC 04-06	18.8		13.9	17.6	20.0	18.1	21.0	22.1
OAC 05-02	15.9		18.9	13.7	15.3	15.1	16.3	16.1

UNIFORM TEST 00, 2006

SEED QUALITY (score)

Strain	Mean 6 Tests	Morden Man	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	Elora Ont.	St. Bruno Montarville Que.
MN0071 (00)	1.2		1.0	1.3	1.3	1.0	1.5	1.0
Jim	1.1		1.3	1.3	1.0	1.0	1.0	1.0
Traill (0)	1.1		1.0	1.3	1.0	1.0	1.5	1.0
M98-211046	1.2		1.4	1.0	1.3	1.0	1.5	1.0
M00-307023	1.3		1.3	1.3	1.7	1.0	1.0	1.5
M00-307055	1.1		1.0	1.0	1.3	1.0	1.5	1.0
M98-211117	1.6		1.3	1.3	1.7	2.0	1.5	2.0
M99-215028	1.3		1.3	1.7	1.0	1.0	1.5	1.5
M99-248011	1.2		1.3	1.0	1.3	1.0	1.5	1.0
M99-255036	1.2		1.3	1.3	1.3	1.0	1.5	1.0
M99-280105	1.1		1.0	1.0	1.0	1.0	1.5	1.0
ND02-1687	2.2		1.7	1.7	2.0	5.0	1.5	1.0
ND02-2019	1.6		1.3	1.3	1.7	2.0	1.5	1.5
ND02-3783	1.6		1.3	1.7	1.7	2.0	1.5	1.5
ND02-3788	1.5		1.3	1.3	1.7	2.0	1.5	1.0
ND02-4166	1.3		1.3	1.7	1.3	1.0	1.5	1.0
ND03-6752	1.2		1.3	1.3	1.3	1.0	1.5	1.0
ND03-6782	1.2		1.3	1.3	1.7	1.0	1.0	1.0
ND03-6793	1.5		1.3	2.0	1.7	2.0	1.0	1.0
ND03-6795	1.2		1.3	1.3	1.3	1.0	1.5	1.0
ND03-6807	1.3		1.0	1.3	1.7	1.0	1.5	1.0
ND03-7267	1.5		1.3	1.7	1.3	1.0	1.5	2.3
OAC 04-06	2.0		1.0	1.3	1.7	5.0	2.0	1.0
OAC 05-02	1.3		1.3	1.7	1.3	1.0	1.5	1.0

UNIFORM TEST 00, 2006

PROTEIN (%)

Strain	Mean 5 Tests	Moorehead MN	Shelly MN	Casselton ND	Elora Ont.	St. Bruno Montarville Que.
MN0071 (00)	33.5	32.2	31.9	33.1	36.2	33.9
Jim	34.2	33.1	33.1	33.6	36.9	34.5
Traill (0)	36.2	33.4	35.9	37.1	37.8	36.8
M98-211046	34.7	34.0	33.4	33.8	36.9	35.2
M00-307023	34.5	32.6	32.9	34.0	37.7	35.4
M00-307055	34.3	32.4	32.8	34.3	37.0	35.1
M98-211117	34.7	32.9	33.9	34.0	37.3	35.6
M99-215028	33.7	32.3	32.3	33.7	35.8	34.3
M99-248011	34.7	32.3	34.8	33.8	36.9	35.5
M99-255036	34.7	33.2	35.2	33.2	36.6	35.1
M99-280105	35.9	34.5	35.2	34.8	37.9	37.2
ND02-1687	35.1	34.5	33.7	35.1	36.5	35.8
ND02-2019	33.2	31.3	31.4	33.1	36.0	34.2
ND02-3783	34.2	33.1	31.5	33.8	37.2	35.2
ND02-3788	35.1	33.5	35.7	33.3	36.5	36.2
ND02-4166	34.5	32.9	32.4	34.9	37.2	35.0
ND03-6752	35.9	34.4	35.8	35.8	37.1	36.3
ND03-6782	33.9	32.4	31.8	33.2	36.6	35.4
ND03-6793	34.9	34.1	33.1	33.8	36.9	36.5
ND03-6795	33.6	32.7	31.6	32.5	36.1	34.9
ND03-6807	34.1	32.5	33.8	33.2	35.8	35.1
ND03-7267	34.3	31.8	33.8	34.2	36.8	35.0
OAC 04-06	33.9	31.8	32.9	33.0	36.5	35.2
OAC 05-02	34.2	33.1	32.7	33.1	37.1	35.1

* Protein and Oil values converted to 13% moisture basis.

OIL (%)

Strain	Mean 5 Tests	Moorehead MN	Shelly MN	Casselton ND	Elora Ont.	St. Bruno Montarville Que.
MN0071 (00)	19.2	19.0	19.2	19.9	18.0	19.8
Jim	17.6	17.1	17.0	19.1	16.8	18.3
Traill (0)	17.4	17.9	16.3	18.2	16.7	17.7
M98-211046	17.1	16.3	16.5	18.6	16.6	17.6
M00-307023	17.7	17.9	17.7	18.9	16.2	17.7
M00-307055	18.2	18.2	17.8	19.5	17.1	18.4
M98-211117	17.6	17.1	16.8	19.1	17.0	17.9
M99-215028	18.1	17.9	17.6	19.2	17.1	18.5
M99-248011	17.7	17.9	16.6	19.0	17.2	18.1
M99-255036	18.0	17.8	16.7	19.4	17.5	18.6
M99-280105	17.3	17.3	16.6	18.4	16.7	17.4
ND02-1687	18.3	17.6	18.3	19.4	17.5	18.9
ND02-2019	18.3	17.6	18.5	19.5	17.2	18.9
ND02-3783	18.8	18.1	19.1	19.7	17.9	19.1
ND02-3788	17.9	17.6	16.1	19.7	17.9	18.4
ND02-4166	17.7	17.7	17.3	17.9	17.1	18.4
ND03-6752	18.0	17.6	16.9	18.9	17.7	18.7
ND03-6782	18.4	18.0	18.5	19.5	17.5	18.8
ND03-6793	18.5	17.5	18.8	19.8	17.7	18.8
ND03-6795	18.4	17.7	18.5	19.9	17.4	18.4
ND03-6807	17.8	17.7	16.7	19.2	17.4	18.1
ND03-7267	17.6	17.5	16.9	18.6	16.9	18.1
OAC 04-06	18.0	17.8	17.1	19.4	17.4	18.4
OAC 05-02	19.0	18.2	19.0	20.3	18.1	19.4

Uniform Test 0, 2006

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	Lambert (0)	M75-274 x M76-151	18	F5	Rps1
2.	Parker (I)	A79-136012 x Dawson	15	F5	Rps1
3.	Surge (L)	A86-204022 x Kato	7	F5	
4.	Traill (E)	M82-996 x Sigco KG20	10	F5	
5.	MN0902CN (SCN)	Jack x Alpha	9	F5	SCN
6.	M98-252008	MN0302 x PI561.353	1	F5	WM, Rps1k, Diversity
7.	ND01-3906	Pioneer 9071 x A96-492041	PT0	F4	Rps1-c
8.	ND02-992	ND92-2381 x ND95-938	PT0	F4	Rps6
9.	ND02-1175	Barnes x Korada	PT0	F4	Rps6
10.	ND02-2371	ND95-952 x Council	PT0	F4	Rps6
11.	SD02-829	Surge x Pion 9151	PT0	F4	Seg Rps1-k
12.	SD02-833	Surge x Pion 9151	PT0	F4	Rps1-k
13.	SD02-895	Vinton81 x Surge	PT0	F4	Rps1-c

UNIFORM TEST 0, 2006

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Fe Chlorosis	Green Stem	Shattering	PR	
		Score Granite Falls MN	Score St. Bruno Que	Score Manhattan KS	Lafayette Race 4	Race 7
Lambert (0)	PGBIYBfi	2.8	2.0	1.0	S	S
Parker (I)	WGBDYBfi	3.2	1.0	1.0	S	S
Surge (L)	PGBDYIbI	3.0	3.0	1.0	S	S
Traill (E)	PTBIYYI	2.8	1.0	2.0	S	S
MN0902CN (SCN)	WTTDYYI	2.6	4.0	1.0	S	S
M98-252008	PGBDYBfi	2.9	1.0	1.0	S*	S*
ND01-3906	PGBDYYI	2.6	2.0	1.0	S	R
ND02-992	PGBDYBfi	2.8	3.0	1.0	R	R*
ND02-1175	PGBDYYI	3.1	3.0	1.0	R	S
ND02-2371	PGBDYYI	3.5	1.0	1.0	R	S
SD02-829	PTBDYBII	2.0	3.0	1.0	H	H
SD02-833	PTBDYBII	3.3	3.0	1.0	R	R
SD02-895	P+WGTDYBfi	2.9	2.0	1.0	S	R

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

UNIFORM TEST 0, 2006

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	6 bu/a	6 No.	8 Date	8 Score	7 In.	8 g/100	8 Score	8 Protein %	8 Oil %
Lambert (0)	52.7	8	9/19	1.2	31	17.8	1.7	35.6	18.1
Parker (I)	55.2	6	6.6	1.8	39	19.7	1.7	35.0	17.3
Surge (L)	56.0	5	0.9	1.3	31	21.2	1.5	36.2	17.6
Traill (E)	46.0	13	-7.0	1.2	29	17.5	1.8	36.6	17.2
MN0902CN (SCN)	52.3	9	-0.4	1.4	33	15.2	1.6	36.2	16.8
M98-252008	49.6	12	-4.6	1.4	35	16.3	1.7	36.6	17.2
ND01-3906	58.2	2	-0.1	1.2	31	17.1	2.0	34.2	17.8
ND02-992	49.8	11	-5.0	1.1	29	17.2	1.8	35.0	18.3
ND02-1175	51.7	10	-1.3	1.0	30	16.9	1.9	34.2	18.2
ND02-2371	56.7	4	-5.0	1.2	33	17.4	1.9	33.6	18.9
SD02-829	57.2	3	-0.8	1.1	31	19.3	1.7	35.6	17.9
SD02-833	58.6	1	4.8	1.7	37	20.3	1.7	35.8	17.2
SD02-895	52.8	7	3.9	1.5	31	21.3	1.8	36.5	16.7

114.9 Days After Planting

UNIFORM TEST 0, 2006

2005-2006 2-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	14 bu/a	14 No.	16 Date	16 Score	14 In.	16 g/100	16 Score	16 Protein %	16 Oil %
Lambert (0)	53.1	3	9/15	1.5	33	17.0	1.7	35.5	18.4
Parker (I)	55.4	1	7.5	2.3	39	19.3	1.5	34.8	17.9
Surge (L)	54.9	2	1.8	1.5	33	20.7	1.5	36.2	17.9
Traill (E)	45.2	6	-6.8	1.5	29	16.6	1.7	36.2	17.5
MN0902CN (SCN)	50.7	4	0.1	1.5	34	14.6	1.6	36.4	17.0
M98-252008	49.2	5	-4.4	1.7	34	15.7	1.7	36.5	17.5

115.0 Days After Planting

UNIFORM TEST 0, 2006

YIELD (bu/a)

Strain	Mean 6 Tests	Morris* MN	Rosemount* MN	Casselton ND	Ottawa Ont	St. Pauls Ont	Woodstock Ont	St. Bruno Que.	Aurora SD
Lambert (0)	52.7	29.2	35.8	61.7	71.7	43.4	52.3	52.0	34.9
Parker (I)	55.2	34.1	50.8	53.1	70.6	45.2	56.6	66.2	39.5
Surge (L)	56.0	26.4	42.4	61.6	71.9	46.2	54.5	65.9	35.9
Traill (E)	46.0	27.4	29.5	54.4	59.8	36.1	50.5	49.2	26.2
MN0902CN (SCN)	52.3	26.3	54.5	61.5	64.2	48.5	49.1	57.9	32.8
M98-252008	49.6	27.4	33.5	57.0	57.7	48.7	45.5	60.2	28.2
ND01-3906	58.2	31.8	42.3	62.5	73.1	46.8	63.6	71.2	32.3
ND02-992	49.8	26.0	49.0	59.3	68.9	41.7	42.9	56.5	29.2
ND02-1175	51.7	26.1	41.7	62.0	71.9	34.9	43.4	66.1	32.0
ND02-2371	56.7	28.7	38.9	62.4	72.4	44.2	65.6	60.6	35.2
SD02-829	57.2	27.4	45.1	61.7	74.5	44.2	61.6	64.2	37.1
SD02-833	58.6	30.7	50.5	58.2	70.4	50.7	66.3	66.8	39.4
SD02-895	52.8	32.4	52.0	57.2	65.5	44.3	57.0	60.8	32.0
C.V. (%)		17.2	16.3	4.7	6.9	11.0	11.6	8.0	13.4
L.S.D. (5%)		6.5	10.1	4.8	7.9	8.4	10.6	10.7	7.5
Row Sp. (In.)		10	10	30	16	14	14	7	30
Rows/Plot		8	8	4	4	4	4	5	4
Reps		3	3	3	3	3	3	2	3

*Data not included in mean.

UNIFORM TEST 0, 2006

YIELD RANK

Strain	Yield Rank	Morris MN	Rosemount MN	Casselton ND	Ottawa Ont	St. Pauls Ont	Woodstock Ont	St. Bruno Que.	Aurora SD
Lambert (0)	8	5	11	4	6	10	8	12	6
Parker (I)	6	1	3	13	7	6	6	3	1
Surge (L)	5	10	7	6	5	5	7	5	4
Traill (E)	13	7	13	12	12	12	9	13	14
MN0902CN (SCN)	9	11	1	7	11	3	10	10	7
M98-252008	12	7	12	11	13	2	11	9	12
ND01-3906	2	3	8	1	2	4	3	1	8
ND02-992	11	13	5	8	9	11	13	11	11
ND02-1175	10	12	9	3	4	13	12	4	10
ND02-2371	4	6	10	2	3	8	2	8	5
SD02-829	3	7	6	4	1	8	4	6	3
SD02-833	1	4	4	9	8	1	1	2	2
SD02-895	7	2	2	10	10	7	5	7	9

UNIFORM TEST 0, 2006

MATURITY (date)

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa Ont	St. Pauls Ont	Woodstock Ont	St. Bruno Que.	Aurora SD
Lambert (0)	9/19	9/16	9/20	9/25	9/19	9/18	9/21	9/24	9/16
Parker (I)	6.6	2	3	12	11	7	8	2	8
Surge (L)	0.9	1	2	-1	0	-1	3	-2	5
Traill (E)	-7.0	0	-8	-9	-9	-6	-7	-9	-8
MN0902CN (SCN)	-0.4	2	0	-4	2	-2	1	-3	1
M98-252008	-4.6	-1	-9	-3	-2	-4	-2	-7	-9
ND01-3906	-0.1	-1	0	-2	3	-1	3	-2	-1
ND02-992	-5.0	-1	-8	-7	-5	-4	0	-5	-10
ND02-1175	-1.3	0	-2	-1	1	-2	0	0	-6
ND02-2371	-5.0	-1	-7	-6	-2	-4	-3	-5	-12
SD02-829	-0.8	-1	0	-2	1	-1	1	-2	-2
SD02-833	4.8	1	1	9	8	3	7	7	2
SD02-895	3.9	1	4	4	4	3	8	2	5
Date Planted	5/28	5/25	6/6	5/20	5/25	5/30	6/6	5/30	5/20
Days to Mature	115	114	106	128	117	111	107	117	119

UNIFORM TEST 0, 2006

LODGING (score)

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa Ont	St. Pauls Ont	Woodstock Ont	St. Bruno Que.	Aurora SD
Lambert (0)	1.2	1.0	1.0	1.0	1.7	1.0	1.3	1.5	1.0
Parker (I)	1.8	1.0	1.0	1.0	3.3	1.2	2.7	3.0	1.0
Surge (L)	1.3	1.0	1.0	1.0	1.0	1.0	1.7	2.5	1.0
Traill (E)	1.2	1.0	1.0	1.0	1.3	1.0	1.5	1.5	1.0
MN0902CN (SCN)	1.4	1.0	1.0	1.0	2.1	1.0	1.2	3.0	1.0
M98-252008	1.4	1.0	1.0	1.0	2.2	1.0	1.8	2.0	1.0
ND01-3906	1.2	1.0	1.0	1.0	1.2	1.0	1.0	2.0	1.0
ND02-992	1.1	1.0	1.0	1.0	1.0	1.0	1.2	1.5	1.0
ND02-1175	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
ND02-2371	1.2	1.0	1.0	1.0	1.6	1.0	1.3	2.0	1.0
SD02-829	1.1	1.0	1.0	1.0	1.1	1.0	1.0	2.0	1.0
SD02-833	1.7	1.0	1.0	1.0	3.8	1.0	2.0	3.0	1.0
SD02-895	1.5	1.0	1.0	1.0	1.6	1.0	2.7	3.0	1.0

UNIFORM TEST 0, 2006

PLANT HEIGHT (inches)

Strain	Mean 7 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa Ont	St. Pauls Ont	Woodstock Ont	St. Bruno Que.	Aurora SD
Lambert (0)	31	25		40	32	33	38	26	23
Parker (I)	39	33		40	39	40	47	39	33
Surge (L)	31	23		37	33	31	37	33	25
Traill (E)	29	24		35	30	29	34	26	25
MN0902CN (SCN)	33	27		34	34	34	35	35	31
M98-252008	35	28		41	34	36	37	33	33
ND01-3906	31	21		42	31	34	35	32	25
ND02-992	29	22		39	30	30	30	30	21
ND02-1175	30	23		39	30	26	33	33	23
ND02-2371	33	26		40	34	35	38	31	25
SD02-829	31	21		40	31	31	32	32	27
SD02-833	37	27		41	37	35	40	45	31
SD02-895	31	24		35	34	33	35	31	28

UNIFORM TEST 0, 2006

SEED SIZE (g/100)

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa Ont	St. Pauls Ont	Woodstock Ont	St. Bruno Que.	Aurora SD
Lambert (0)	17.8	15.7	17.7	16.8	20.3	16.5	17.6	19.5	18.0
Parker (I)	19.7	20.3	21.3	18.2	22.2	17.2	19.8	18.6	20.2
Surge (L)	21.2	20.0	20.3	21.3	23.6	19.1	20.6	22.4	22.2
Traill (E)	17.5	13.7	19.8	18.0	20.6	15.6	17.0	18.5	16.4
MN0902CN (SCN)	15.2	13.0	17.5	14.6	16.2	13.7	15.3	16.6	14.5
M98-252008	16.3	14.9	17.0	16.7	18.4	14.2	15.2	17.5	16.3
ND01-3906	17.1	16.1	18.7	17.3	19.3	15.2	15.6	17.4	17.5
ND02-992	17.2	16.3	20.2	16.5	20.1	13.7	16.0	17.8	17.2
ND02-1175	16.9	15.3	19.5	16.1	19.2	13.8	14.0	18.4	18.9
ND02-2371	17.4	15.6	17.4	17.8	20.7	16.2	16.2	18.4	16.7
SD02-829	19.3	18.8	18.2	18.6	22.2	19.6	19.6	19.1	18.6
SD02-833	20.3	19.5	20.3	18.6	21.4	19.9	22.1	20.3	20.1
SD02-895	21.3	17.4	21.5	20.1	22.7	21.2	23.6	22.7	21.4

UNIFORM TEST 0, 2006

SEED QUALITY (score)

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa Ont	St. Pauls Ont	Woodstock Ont	St. Bruno Que.	Aurora SD
Lambert (0)	1.7	1.3	2.0	1.0	1.0	1.5	1.5	3.0	2.0
Parker (I)	1.7	1.3	1.3	1.0	1.0	1.5	1.5	4.0	2.0
Surge (L)	1.5	1.0	1.3	1.0	1.0	1.5	1.5	3.0	2.0
Traill (E)	1.8	1.0	2.3	1.0	1.0	2.0	2.0	3.0	2.0
MN0902CN (SCN)	1.6	1.0	1.3	1.0	1.0	1.5	2.0	3.0	2.0
M98-252008	1.7	1.0	1.7	1.0	1.0	1.5	1.5	3.0	3.0
ND01-3906	2.0	1.3	2.0	1.0	1.0	1.5	1.5	3.5	4.0
ND02-992	1.8	1.0	2.0	1.0	1.0	2.0	1.5	2.5	3.0
ND02-1175	1.9	1.3	2.7	1.0	1.0	2.0	2.0	2.5	3.0
ND02-2371	1.9	1.3	2.0	1.0	1.0	1.5	2.0	3.0	3.0
SD02-829	1.7	1.3	1.3	1.0	1.0	2.0	2.0	3.0	2.0
SD02-833	1.7	1.7	1.3	1.0	1.0	1.5	2.0	3.0	2.0
SD02-895	1.8	1.3	1.3	1.0	1.0	2.0	1.5	3.0	3.0

UNIFORM TEST 0, 2006

PROTEIN (%)

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa Ont	St. Pauls Ont	Woodstock Ont	St. Bruno Que.	Aurora SD
Lambert (0)	35.6	31.8	38.8	33.6	36.0	35.9	36.7	35.9	35.7
Parker (I)	35.0	33.3	35.2	33.6	34.5	35.4	37.1	36.3	35.0
Surge (L)	36.2	32.9	37.5	35.6	36.4	36.3	38.3	36.7	36.0
Traill (E)	36.6	34.4	39.6	35.9	37.0	36.6	37.2	36.8	35.3
MN0902CN (SCN)	36.2	34.2	37.8	35.2	36.6	36.5	37.7	37.0	34.6
M98-252008	36.6	36.4	38.5	35.1	37.8	35.7	36.6	36.0	37.1
ND01-3906	34.2	31.5	37.0	33.0	34.3	34.3	35.1	34.3	34.1
ND02-992	35.0	32.5	36.8	34.1	35.6	34.9	36.7	36.1	33.3
ND02-1175	34.2	32.0	35.8	32.8	34.4	34.2	34.8	35.2	34.0
ND02-2371	33.6	31.8	36.1	32.5	34.0	33.8	34.8	34.1	31.7
SD02-829	35.6	33.7	38.0	34.3	35.7	36.5	37.5	36.2	33.3
SD02-833	35.8	34.3	37.5	34.4	34.2	36.6	38.1	36.3	34.8
SD02-895	36.5	33.1	37.6	35.4	36.4	37.2	39.6	37.2	35.7

* Protein and Oil values converted to 13% moisture basis.

UNIFORM TEST 0, 2006

OIL (%)

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa Ont	St. Pauls Ont	Woodstock Ont	St. Bruno Que.	Aurora SD
Lambert (0)	18.1	18.2	16.7	19.6	18.5	17.7	17.5	18.3	18.1
Parker (I)	17.3	16.7	17.0	18.4	18.4	17.1	16.5	17.1	17.3
Surge (L)	17.6	17.5	16.8	18.5	18.4	17.4	16.8	17.7	17.7
Traill (E)	17.2	17.1	15.9	17.9	17.8	17.0	17.1	17.5	17.5
MN0902CN (SCN)	16.8	16.1	16.0	18.1	16.9	17.2	16.3	17.1	16.4
M98-252008	17.2	16.0	16.4	18.5	17.3	17.6	16.8	18.0	17.2
ND01-3906	17.8	17.3	16.7	18.7	18.6	17.6	17.5	18.3	17.5
ND02-992	18.3	18.5	17.3	19.1	18.9	17.7	17.3	18.1	19.2
ND02-1175	18.2	18.0	17.0	19.5	19.1	17.8	17.5	18.2	18.5
ND02-2371	18.9	18.1	17.2	19.9	19.9	18.6	18.4	19.3	19.6
SD02-829	17.9	17.5	16.4	19.0	18.4	17.8	17.7	18.2	18.2
SD02-833	17.2	16.2	16.0	18.3	18.7	17.2	17.1	17.6	16.7
SD02-895	16.7	16.8	16.0	18.4	17.7	15.9	15.8	16.4	16.4

Preliminary Test 0, 2006

Ent.	Strain	Parentage	Gen. Comp.	Unique Traits
1.	Lambert (O)	M75-274 x M76-151	F5	Rps1
2.	Parker (I)	A79-136012 x Dawson	F5	Rps1
3.	Surge (L)	A86-204022 x Kato	F5	
4.	Traill (E)	M82-996 x Sigco KG20	F5	
5.	M98-108027	M92-120014 x Traill	F5	IDC Tolerant
6.	M00-311054	SD(ND)95-1663 x MN0071	F5	Rps6
7.	M00-326044	MN1005 x MN0091	F5	Rps1
8.	M00-326087	MN1005 x MN0091	F5	Rps1
9.	M00-327021	M95-211102 x Traill	F5	Rps1
10.	M00-335031	IA2052 x M91-134038	F5	Rps1
11.	M00-340068	M93-310162 x M92-191023	F5	Rps6
12.	ND03-4591	Sargent x Pioneer 9061	F4	Rps6
13.	ND03-4757	Sargent x Pioneer 9061	F4	Rps6
14.	ND03-4838	Sargent x Pioneer 9061	F4	Rps6
15.	ND03-5030	Barnes x SD96-33	F4	Rps6
16.	ND03-5037	Barnes x SD96-33	F4	Rps6
17.	ND03-5043	Barnes x SD96-33	F4	Rps6
18.	ND03-5047	Barnes x SD96-33	F4	Rps6
19.	ND03-5170	Walsh x (Traill x Surge)	F4	Rps6
20.	ND03-5672	Barnes x SD96-33	F4	Rps6
21.	ND03-5675	Barnes x SD96-33	F4	Rps6
22.	ND03-5679	Barnes x SD96-33	F4	Rps6
23.	ND03-6964	(ND95-6634*3) x ND92-2381	F4	Rps1-k
24.	ND03-7152	Sargent x [(ND95-6634*3) x (ND92-2381)]	F4	Rps1-k
25.	ND03-7221	Sargent x [(ND95-6634*3) x (ND92-2381)]	F4	Rps1-k
26.	ND03-7517	Barnes x (Pioneer 9071 x A96-492041-1-1)	F4	Rps6
27.	OAC 04-20	(ND89-1112 x OAC Bayfield) x OAC Champion	F5	
28.	OAC 05-17	RCAT 99-01 x OAC 00-01	F5	
29.	OAC 05-21	OT 99-2 x OAC 00-17	F5	
30.	SD03-344	SDX98-82-9-2 x SDX98-75-11-2	F5	
31.	SD03-1143	E95-882 x C1963	F5	Rps1-k
32.	SD03-1159	E95-882 x Lambert	F5	
33.	SD03-1537	PION9092 x A96-492041	F5	Rps1-k
34.	SD03-1582	PION9092 x SD95-1518	F5	Rps1-a
35.	SD03-1583	PION9092 x SD95-1518	F5	Rps1-a
36.	SD03-1882	SD95-781 x A96-492041	F5	Rps1-k
37.	SD03-2154	Surge x A96-492041	F5	Rps1-k
38.	SD03-2327	PION9092 x A96-494018	F5	Rps1-k

PRELIMINARY TEST 0, 2006

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Fe Chlorosis	Green Stem	Shattering	PR	
		Score Granite Falls MN	Score St. Bruno Que	Score Manhattan KS	Lafayette Race 4	Race 7
Lambert (0)	PGBIYBfI	2.8	3.0	1.0	S	S
Parker (I)	WGBDYBfI	3.8	2.0	1.0	S	S
Surge (L)	PGBDYIbI	2.8	1.0	1.0	S	S
Traill (E)	PTBIYYI	2.7	1.0	2.0	S	S
M98-108027	PGBDYYI	3.4	1.0	1.0	S	S
M00-311054	PTBDYBrI	2.6	3.0	1.0	H*	S
M00-326044	PT+GTDYYI	2.8	2.0	2.0	S	S
M00-326087	PGTDYYI	2.7	2.0	1.0	S	S
M00-327021	PGBDYBfI	2.5	3.0	1.0	S	S
M00-335031	WGBDYBfI	2.8	3.0	2.0	S	S
M00-340068	PTBDYGrI	3.3	3.0	1.0	R	R*
ND03-4591	PGBDYYI	3.3	2.0	1.0	R	S
ND03-4757	PGBDYYI	3.7	2.0	1.0	R	S
ND03-4838	PGBDYYI	3.9	2.0	1.0	R	S
ND03-5030	PGBDYBfI	3.5	1.0	1.0	R	S
ND03-5037	PGBDYBfI	3.6	2.0	1.0	R	S
ND03-5043	PGBDYBfI	3.6	1.0	1.0	R	S
ND03-5047	PGBDYBfI	3.6	1.0	1.0	R	S
ND03-5170	PSBDYYI	3.0	2.0	2.0	R	S
ND03-5672	PGBDYBfI	3.7	1.0	2.0	R	S
ND03-5675	PGBDYBf+IbI	3.5	1.0	1.0	R	S
ND03-5679	PGBDYBfI	3.8	1.0	1.0	R	S
ND03-6964	WGBDYBfI	3.8	2.0	1.0	R	S*
ND03-7152	PGBIYYI	3.3	3.0	1.0	H*	H*
ND03-7221	PGBDYLbI	3.6	2.0	1.0	S*	S*
ND03-7517	PGBDYBfI	4.0	2.0	1.0	R	S
OAC 04-20	PTBIYYI	3.6	1.0	3.0	S	S
OAC 05-17	PTBSYBrI	3.8	3.0	2.0	S	S
OAC 05-21	WTBDYBrI	3.3	4.0	1.0	S	S
SD03-344	W+PTBDYBII	2.5	4.0	1.0	S	S
SD03-1143	PGBIYIbI	4.0	2.0	1.0	S*	S*
SD03-1159	PGBIYBfI	3.0	1.0	1.0	S	S
SD03-1537	PTBDYGrI	3.8	3.0	1.0	S*	R
SD03-1582	PGBDYLgrI	3.5	1.0	2.0	S	R*
SD03-1583	PGBDYLgrI	3.5	3.0	2.0	S	R*
SD03-1882	PTBDYBrI	3.8	2.0	1.0	S*	R
SD03-2154	PGBDYGrI	3.6	2.0	1.0	H*	H*
SD03-2327	PTBDYGrI	4.3	2.0	2.0	S*	S*

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

PRELIMINARY TEST 0, 2006

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Fe Chlorosis	Green Stem	Shattering	PR	
		Score Granite Falls MN	Score St. Bruno Que	Score Manhattan KS	Lafayette Race 4	Race 7
Lambert (0)	PGBIYBfI	2.8	3.0	1.0	S	S
Parker (I)	WGBDYBfI	3.8	2.0	1.0	S	S
Surge (L)	PGBDYIbI	2.8	1.0	1.0	S	S
Traill (E)	PTBIYYI	2.7	1.0	2.0	S	S
M98-108027	PGBDYYI	3.4	1.0	1.0	S	S
M00-311054	PTBDYBrI	2.6	3.0	1.0	H*	S
M00-326044	PT+GTDYYI	2.8	2.0	2.0	S	S
M00-326087	PGTDYYI	2.7	2.0	1.0	S	S
M00-327021	PGBDYBfI	2.5	3.0	1.0	S	S
M00-335031	WGBDYBfI	2.8	3.0	2.0	S	S
M00-340068	PTBDYGrI	3.3	3.0	1.0	R	R*
ND03-4591	PGBDYYI	3.3	2.0	1.0	R	S
ND03-4757	PGBDYYI	3.7	2.0	1.0	R	S
ND03-4838	PGBDYYI	3.9	2.0	1.0	R	S
ND03-5030	PGBDYBfI	3.5	1.0	1.0	R	S
ND03-5037	PGBDYBfI	3.6	2.0	1.0	R	S
ND03-5043	PGBDYBfI	3.6	1.0	1.0	R	S
ND03-5047	PGBDYBfI	3.6	1.0	1.0	R	S
ND03-5170	PSBDYYI	3.0	2.0	2.0	R	S
ND03-5672	PGBDYBfI	3.7	1.0	2.0	R	S
ND03-5675	PGBDYBf+IbI	3.5	1.0	1.0	R	S
ND03-5679	PGBDYBfI	3.8	1.0	1.0	R	S
ND03-6964	WGBDYBfI	3.8	2.0	1.0	R	S*
ND03-7152	PGBIYYI	3.3	3.0	1.0	H*	H*
ND03-7221	PGBDYLbI	3.6	2.0	1.0	S*	S*
ND03-7517	PGBDYBfI	4.0	2.0	1.0	R	S
OAC 04-20	PTBIYYI	3.6	1.0	3.0	S	S
OAC 05-17	PTBSYBrI	3.8	3.0	2.0	S	S
OAC 05-21	WTBDYBrI	3.3	4.0	1.0	S	S
SD03-344	W+PTBDYBII	2.5	4.0	1.0	S	S
SD03-1143	PGBIYIbI	4.0	2.0	1.0	S*	S*
SD03-1159	PGBIYBfI	3.0	1.0	1.0	S	S
SD03-1537	PTBDYGrI	3.8	3.0	1.0	S*	R
SD03-1582	PGBDYLgrI	3.5	1.0	2.0	S	R*
SD03-1583	PGBDYLgrI	3.5	3.0	2.0	S	R*
SD03-1882	PTBDYBrI	3.8	2.0	1.0	S*	R
SD03-2154	PGBDYGrI	3.6	2.0	1.0	H*	H*
SD03-2327	PTBDYGrI	4.3	2.0	2.0	S*	S*

PR: * = *P. sojae inoc.* Reaction NOT compatible with breeder's information about *Rps* Trait

PRELIMINARY TEST 0, 2006

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant	Seed	Seed	Composition	
	6 bu/a	6 No.	8 Date	8 Score	8 In.	8 g/100	8 Score	8 %	8 %
Lambert (0)	52.7	20	9/17	1.3	28	17.4	1.6	35.1	18.6
Parker (I)	58.4	2	7.3	2.1	38	20.1	1.6	34.7	17.6
Surge (L)	55.9	7	2.1	1.4	31	20.6	1.6	35.6	17.9
Traill (E)	45.4	38	-5.8	1.1	27	16.8	1.9	36.1	17.6
M98-108027	50.4	32	-1.9	1.8	31	16.0	1.7	35.6	17.8
M00-311054	53.3	17	-0.9	1.3	30	15.8	1.5	35.2	17.9
M00-326044	51.4	28	-3.9	1.2	28	16.6	1.8	34.5	18.5
M00-326087	54.6	11	0.0	1.5	31	17.9	1.5	35.8	17.5
M00-327021	51.0	30	-0.9	1.2	29	15.4	1.6	35.8	16.9
M00-335031	51.8	26	0.6	1.4	32	17.0	1.6	37.8	16.4
M00-340068	48.6	37	-1.5	1.3	28	18.9	1.8	34.1	18.2
ND03-4591	57.5	4	4.3	1.1	30	18.5	2.0	33.7	18.5
ND03-4757	52.6	21	-2.3	1.3	30	16.4	1.7	32.9	19.0
ND03-4838	54.8	10	-0.8	1.2	29	18.1	1.5	34.2	18.3
ND03-5030	53.2	18	-4.5	1.1	28	17.3	1.8	33.6	19.4
ND03-5037	53.5	16	-3.9	1.2	30	17.3	1.6	33.9	19.2
ND03-5043	52.1	25	-4.4	1.1	28	17.1	1.4	33.8	19.2
ND03-5047	51.6	27	-3.6	1.2	28	17.1	1.7	34.2	19.0
ND03-5170	49.3	36	-1.4	1.2	31	17.1	1.5	35.3	17.8
ND03-5672	50.5	31	-4.0	1.1	29	16.9	1.6	33.7	19.1
ND03-5675	49.5	35	-0.9	1.1	27	17.1	1.9	34.2	18.7
ND03-5679	49.7	34	-4.8	1.4	28	18.0	1.6	34.1	19.2
ND03-6964	53.2	18	1.0	1.2	27	17.2	1.6	33.3	18.8
ND03-7152	49.9	33	-3.3	1.3	29	15.5	1.5	35.8	17.7
ND03-7221	53.8	15	-3.8	1.4	30	16.1	1.5	33.6	17.9
ND03-7517	51.2	29	-3.1	1.3	30	17.0	1.6	34.2	18.8
OAC 04-20	52.2	24	-2.8	1.3	29	20.9	1.8	37.0	17.4
OAC 05-17	58.3	3	7.6	1.8	34	17.2	1.8	32.6	18.7
OAC 05-21	64.0	1	6.5	1.2	34	18.9	1.5	34.3	17.8
SD03-344	52.3	22	8.0	1.9	35	20.7	1.8	39.0	15.7
SD03-1143	54.6	11	0.3	1.2	28	18.1	1.9	33.8	17.5
SD03-1159	55.2	9	2.3	1.4	31	17.6	1.9	35.4	17.5
SD03-1537	55.7	8	6.5	1.7	34	17.4	1.8	35.0	17.4
SD03-1582	52.3	22	2.0	1.3	30	14.6	1.7	34.5	18.1
SD03-1583	54.6	11	0.5	1.2	30	14.7	1.8	34.1	18.3
SD03-1882	54.0	14	3.8	1.4	31	15.5	1.9	33.8	17.5
SD03-2154	56.1	6	1.5	1.5	30	18.3	1.8	34.6	18.1
SD03-2327	56.7	5	2.3	1.0	29	18.9	1.9	35.3	17.8

116.5 Days After Planting

PRELIMINARY TEST 0, 2006

YIELD (bu/a)

Strain	Mean 6 Tests	Morris* MN	Rosemount MN	Casselton ND	Ottawa ONT	Woodstock ONT	St. Pauls ONT	St. Bruno Que.	Aurora* SD
Lambert (0)	52.7	15.1	40.2	53.7	60.5	59.7	46.1	56.0	36.0
Parker (I)	58.4	27.3	37.6	60.4	63.9	64.8	50.3	73.4	55.1
Surge (L)	55.9	20.3	43.5	59.0	55.0	60.5	54.9	62.7	47.5
Traill (E)	45.4	10.1	24.4	48.8	48.8	48.9	43.4	57.8	27.2
M98-108027	50.4	20.0	36.9	48.7	59.3	59.2	38.5	59.5	32.3
M00-311054	53.3	14.6	30.8	57.0	56.7	62.1	46.6	66.3	37.2
M00-326044	51.4	15.0	26.3	43.9	55.0	65.6	48.9	68.6	30.3
M00-326087	54.6	13.9	31.6	54.9	55.0	63.9	58.6	63.6	34.5
M00-327021	51.0	13.8	36.3	52.1	56.0	56.1	47.8	57.9	39.9
M00-335031	51.8	14.6	34.3	57.7	52.6	58.8	46.6	60.8	37.0
M00-340068	48.6	21.4	29.4	36.1	61.1	60.1	44.1	60.5	38.7
ND03-4591	57.5	20.3	32.0	56.9	67.2	65.1	51.3	72.5	40.5
ND03-4757	52.6	20.5	33.4	53.6	62.8	56.0	45.1	64.9	28.2
ND03-4838	54.8	22.8	36.7	49.4	60.1	65.2	49.1	68.3	36.2
ND03-5030	53.2	17.6	30.4	54.1	63.5	58.0	48.0	65.0	37.2
ND03-5037	53.5	17.4	32.8	56.3	58.1	57.5	44.4	72.0	35.7
ND03-5043	52.1	18.4	28.1	52.1	62.2	61.1	44.0	65.2	30.3
ND03-5047	51.6	19.6	28.0	51.8	65.4	60.2	41.2	63.0	33.4
ND03-5170	49.3	21.0	31.5	54.6	56.8	51.1	44.5	57.0	32.7
ND03-5672	50.5	21.8	28.5	49.7	60.0	58.0	39.2	67.5	34.2
ND03-5675	49.5	17.7	25.8	57.3	57.2	57.9	33.9	65.1	33.6
ND03-5679	49.7	19.2	27.4	54.1	60.9	53.5	48.2	54.3	32.0
ND03-6964	53.2	18.3	30.1	56.8	60.3	62.4	40.6	68.8	42.8
ND03-7152	49.9	16.5	30.7	47.7	55.3	55.1	40.1	70.3	34.5
ND03-7221	53.8	17.9	29.1	48.0	58.4	63.9	52.4	70.9	31.0
ND03-7517	51.2	16.2	29.6	47.1	60.7	59.3	44.4	66.2	37.2
OAC 04-20	52.2	18.9	23.0	56.7	55.0	69.1	46.4	63.2	35.8
OAC 05-17	58.3	17.2	40.2	52.1	66.6	63.8	51.4	75.8	47.0
OAC 05-21	64.0	15.6	41.3	60.8	66.5	77.2	62.1	76.2	41.8
SD03-344	52.3	21.5	30.2	46.9	57.6	65.2	52.1	62.0	37.3
SD03-1143	54.6	15.1	35.2	58.5	63.7	61.8	50.2	58.1	38.3
SD03-1159	55.2	18.1	36.2	54.9	62.9	58.8	52.6	65.6	39.9
SD03-1537	55.7	23.4	41.7	53.4	58.6	61.0	53.4	66.3	48.8
SD03-1582	52.3	21.4	35.4	53.4	59.3	58.7	52.8	54.4	44.0
SD03-1583	54.6	25.2	35.5	58.2	67.3	64.0	50.8	51.8	40.0
SD03-1882	54.0	16.4	39.5	56.7	60.4	60.2	43.7	63.2	50.3
SD03-2154	56.1	23.2	34.0	57.4	60.5	63.3	50.0	71.3	42.5
SD03-2327	56.7	19.0	37.0	59.5	61.2	67.8	48.3	66.1	46.3
C.V. (%)		16.9	8.1	11.2	5.6	6.9	8.7	7.2	15.1
L.S.D. (5%)		6.4	5.5	9.6	6.8	8.5	8.5	9.4	11.6
Row Sp. (In.)		10	10	30	16	14	14	7	30
Rows/Plot		4	4	4	4	4	4	5	4
Reps		2	2	3	2	2	2	2	2

*Data not included in mean.

PRELIMINARY TEST 0, 2006

YIELD RANK

Strain	Yield Rank	Morris MN	Rosemount MN	Casseltown ND	Ottawa ONT	Woodstock ONT	St. Pauls ONT	St. Bruno Que.	Aurora SD
Lambert (0)	20	31	4	21	17	23	24	35	23
Parker (I)	2	1	7	2	6	8	12	3	1
Surge (L)	7	12	1	4	35	19	3	26	4
Traill (E)	38	38	37	31	38	38	32	33	38
M98-108027	32	14	9	32	22	25	37	30	32
M00-311054	17	34	23	10	30	15	21	14	20
M00-326044	28	33	35	37	33	4	16	10	36
M00-326087	11	36	21	16	36	10	2	22	27
M00-327021	30	37	11	25	31	33	20	32	13
M00-335031	26	35	16	7	37	26	21	28	21
M00-340068	37	8	29	38	13	22	29	29	15
ND03-4591	4	12	20	11	2	7	10	4	11
ND03-4757	21	11	18	22	10	34	25	21	37
ND03-4838	10	5	10	30	20	5	15	11	22
ND03-5030	18	24	25	19	8	29	19	20	18
ND03-5037	16	25	19	15	26	32	27	5	24
ND03-5043	25	19	32	25	11	17	30	18	35
ND03-5047	27	15	33	28	5	20	33	25	30
ND03-5170	36	10	22	18	29	37	26	34	31
ND03-5672	31	6	31	29	21	29	36	12	28
ND03-5675	35	23	36	9	28	31	38	19	29
ND03-5679	34	16	34	19	14	36	18	37	33
ND03-6964	18	20	27	12	19	14	34	9	8
ND03-7152	33	27	24	34	32	35	35	8	26
ND03-7221	15	22	30	33	25	10	7	7	34
ND03-7517	29	29	28	35	15	24	27	15	18
OAC 04-20	24	18	38	13	34	2	23	24	24
OAC 05-17	3	26	4	25	3	12	9	2	5
OAC 05-21	1	30	3	1	4	1	1	1	10
SD03-344	22	7	26	36	27	5	8	27	17
SD03-1143	11	31	15	5	7	16	13	31	16
SD03-1159	9	21	12	16	9	26	6	17	13
SD03-1537	8	3	2	23	24	18	4	13	3
SD03-1582	22	8	14	23	23	28	5	36	7
SD03-1583	11	2	13	6	1	9	11	38	12
SD03-1882	14	28	6	13	18	20	31	23	2
SD03-2154	6	4	17	8	16	13	14	6	9
SD03-2327	5	17	8	3	12	3	17	16	6

PRELIMINARY TEST 0, 2006

MATURITY (date)

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa ONT	Woodstock ONT	St. Pauls ONT	St. Bruno Que.	Aurora SD
Lambert (0)	9/17	9/19	9/14	9/20	9/18	9/23	9/15	9/20	9/12
Parker (I)	7.3	4	5	9	9	5	6	9	11
Surge (L)	2.1	3	3	-2	1	3	2	4	3
Traill (E)	-5.8	-1	-5	-6	-8	-9	-6	-5	-6
M98-108027	-1.9	5	2	-3	-4	-6	-1	-3	-5
M00-311054	-0.9	0	-1	-2	-3	0	2	-1	-2
M00-326044	-3.9	0	-4	-4	-4	-6	-2	-2	-9
M00-326087	0.0	-1	1	-4	-1	4	0	0	1
M00-327021	-0.9	-1	2	-1	-2	-3	1	-2	-1
M00-335031	0.6	0	2	1	0	0	1	0	1
M00-340068	-1.5	0	-2	0	-4	-3	0	0	-3
ND03-4591	4.3	2	3	1	6	4	3	9	6
ND03-4757	-2.3	2	-4	-1	-3	-4	0	-2	-6
ND03-4838	-0.8	0	-2	1	-4	2	0	0	-3
ND03-5030	-4.5	0	-4	-5	-6	-6	-2	-3	-10
ND03-5037	-3.9	1	-4	-5	-5	-5	-2	-2	-9
ND03-5043	-4.4	0	-5	-5	-6	-4	-4	-3	-8
ND03-5047	-3.6	0	-4	-4	-6	-5	-1	-2	-7
ND03-5170	-1.4	-1	-2	-2	0	-2	1	-2	-3
ND03-5672	-4.0	-1	-4	-4	-5	-3	-2	-3	-10
ND03-5675	-0.9	-1	-2	-3	-1	-5	-2	2	5
ND03-5679	-4.8	-1	-4	-6	-8	-4	-2	-4	-9
ND03-6964	1.0	0	3	-3	3	0	3	1	1
ND03-7152	-3.3	-1	-4	-2	-5	-4	-3	-2	-5
ND03-7221	-3.8	-1	-4	-4	-5	-4	-2	-2	-8
ND03-7517	-3.1	-1	-2	-4	-3	-3	-3	-2	-7
OAC 04-20	-2.8	-1	0	-4	0	-4	-2	-3	-8
OAC 05-17	7.6	3	3	9	8	8	12	9	9
OAC 05-21	6.5	3	3	7	7	7	12	7	6
SD03-344	8.0	3	7	10	10	7	5	11	11
SD03-1143	0.3	1	1	2	0	-4	-1	1	2
SD03-1159	2.3	2	3	2	1	-1	2	4	5
SD03-1537	6.5	3	2	9	8	6	7	9	8
SD03-1582	2.0	1	1	7	1	-1	1	1	5
SD03-1583	0.5	1	1	3	0	-4	2	0	1
SD03-1882	3.8	3	2	2	7	1	4	5	6
SD03-2154	1.5	1	2	2	3	1	2	2	-1
SD03-2327	2.3	2	3	6	2	1	4	3	-3
Date Planted	5/24	6/6	5/25	5/25	5/25	5/1	5/30	5/30	5/20
Days to Mature	117	105	112	118	116	145	108	113	115

PRELIMINARY TEST 0, 2006

LODGING (score)

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa ONT	Woodstock ONT	St. Pauls ONT	St. Bruno Que.	Aurora SD
Lambert (0)	1.3	1.0	1.5	1.3	1.0	2.0	1.0	1.5	1.0
Parker (I)	2.1	1.0	2.0	1.0	3.3	3.6	1.2	3.0	2.0
Surge (L)	1.4	1.0	1.0	1.0	1.0	2.4	1.0	3.0	1.0
Traill (E)	1.1	1.0	1.0	1.0	1.0	1.7	1.0	1.0	1.0
M98-108027	1.8	1.0	3.0	1.7	1.5	2.9	1.0	2.0	1.0
M00-311054	1.3	1.0	1.0	1.3	1.5	1.9	1.0	2.0	1.0
M00-326044	1.2	1.0	1.0	1.3	2.0	1.6	1.0	1.0	1.0
M00-326087	1.5	1.0	1.0	1.0	1.0	2.7	1.0	2.0	2.0
M00-327021	1.2	1.0	1.0	1.3	1.0	2.0	1.0	1.5	1.0
M00-335031	1.4	1.0	1.0	1.7	1.0	1.6	1.0	2.0	2.0
M00-340068	1.3	1.0	1.0	1.0	1.0	1.5	1.0	2.0	2.0
ND03-4591	1.1	1.0	1.0	1.0	1.0	1.5	1.0	1.5	1.0
ND03-4757	1.3	1.0	1.0	1.7	1.0	2.2	1.0	1.5	1.0
ND03-4838	1.2	1.0	1.0	1.3	1.0	1.9	1.0	1.5	1.0
ND03-5030	1.1	1.0	1.0	1.0	1.1	2.0	1.0	1.0	1.0
ND03-5037	1.2	1.0	1.0	1.0	1.0	1.2	1.0	2.0	1.0
ND03-5043	1.1	1.0	1.0	1.0	1.0	1.3	1.0	1.5	1.0
ND03-5047	1.2	1.0	1.0	1.0	1.5	1.8	1.0	1.0	1.0
ND03-5170	1.2	1.0	1.0	1.3	1.6	1.8	1.1	1.0	1.0
ND03-5672	1.1	1.0	1.0	1.0	1.3	1.6	1.0	1.0	1.0
ND03-5675	1.1	1.0	1.0	1.0	1.0	1.5	1.0	1.5	1.0
ND03-5679	1.4	1.0	1.5	1.0	1.0	2.8	1.0	1.5	1.0
ND03-6964	1.2	1.0	1.0	1.0	1.0	2.2	1.0	1.5	1.0
ND03-7152	1.3	1.0	1.0	1.0	1.0	2.3	1.0	2.0	1.0
ND03-7221	1.4	1.0	1.0	1.3	1.0	2.7	1.0	2.0	1.0
ND03-7517	1.3	1.0	1.0	1.0	1.0	2.1	1.0	1.5	2.0
OAC 04-20	1.3	1.0	1.0	1.3	1.6	1.7	1.0	1.0	2.0
OAC 05-17	1.8	1.0	1.0	2.7	2.3	2.0	1.0	2.5	2.0
OAC 05-21	1.2	1.0	1.0	1.3	1.0	1.8	1.0	1.5	1.0
SD03-344	1.9	1.0	2.0	2.3	2.3	2.3	1.0	3.0	1.0
SD03-1143	1.2	1.0	1.0	1.0	1.0	1.8	1.0	2.0	1.0
SD03-1159	1.4	1.0	1.0	1.3	1.5	1.9	1.0	2.5	1.0
SD03-1537	1.7	1.0	1.0	1.7	3.2	1.7	1.0	3.0	1.0
SD03-1582	1.3	1.0	1.0	1.0	1.0	1.8	1.0	1.5	2.0
SD03-1583	1.2	1.0	1.0	1.7	1.0	1.2	1.0	1.5	1.0
SD03-1882	1.4	1.0	1.0	1.3	1.3	1.9	1.0	2.5	1.0
SD03-2154	1.5	1.0	1.0	1.3	1.3	2.0	1.0	3.0	1.0
SD03-2327	1.0	1.0	1.0	1.3	1.0	0.9	1.0	1.0	1.0

PRELIMINARY TEST 0, 2006

PLANT HEIGHT (inches)

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa ONT	Woodstock ONT	St. Pauls ONT	St. Bruno Que.	Aurora SD
Lambert (0)	28	23	37	23	27	35	30	28	23
Parker (I)	38	32	40	36	37	39	37	41	41
Surge (L)	31	22	33	29	29	33	33	35	30
Traill (E)	27	22	28	27	27	32	29	25	27
M98-108027	31	23	32	33	30	37	33	31	26
M00-311054	30	23	33	32	29	33	30	34	25
M00-326044	28	22	27	23	31	33	31	30	25
M00-326087	31	22	32	31	30	37	30	32	33
M00-327021	29	23	32	28	30	34	27	30	24
M00-335031	32	22	33	35	30	36	30	34	34
M00-340068	28	24	30	24	30	34	27	29	28
ND03-4591	30	25	30	25	31	36	32	30	29
ND03-4757	30	26	33	30	30	36	29	28	30
ND03-4838	29	26	33	26	28	33	30	31	28
ND03-5030	28	26	28	27	28	33	30	27	24
ND03-5037	30	25	32	29	28	34	30	32	28
ND03-5043	28	23	29	26	30	35	31	26	26
ND03-5047	28	22	28	32	30	33	31	26	24
ND03-5170	31	25	32	31	32	36	31	31	29
ND03-5672	29	27	33	27	29	33	29	29	23
ND03-5675	27	23	29	23	27	32	29	32	21
ND03-5679	28	23	30	36	29	34	28	23	23
ND03-6964	27	21	29	28	29	33	28	27	22
ND03-7152	29	23	30	30	29	32	30	34	26
ND03-7221	30	22	34	29	30	32	34	34	27
ND03-7517	30	22	34	26	29	37	31	29	28
OAC 04-20	29	25	33	28	28	32	27	29	28
OAC 05-17	34	27	38	35	33	38	34	35	35
OAC 05-21	34	21	35	41	35	38	37	35	33
SD03-344	35	29	35	33	35	34	38	45	34
SD03-1143	28	17	30	27	30	34	30	30	29
SD03-1159	31	21	32	29	32	35	35	35	28
SD03-1537	34	24	35	36	36	37	35	34	33
SD03-1582	30	22	33	18	31	37	31	32	34
SD03-1583	30	25	35	29	30	32	31	29	29
SD03-1882	31	19	34	30	32	35	33	34	31
SD03-2154	30	23	33	29	30	34	31	32	29
SD03-2327	29	23	31	30	30	32	30	33	26

PRELIMINARY TEST 0, 2006

SEED SIZE (g/100)

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa ONT	Woodstock ONT	St. Pauls ONT	St. Bruno Que.	Aurora SD
Lambert (0)	17.4	14.6	17.3	16.1	19.6	17.8	16.9	18.7	17.9
Parker (I)	20.1	19.4	21.9	18.7	21.9	20.1	18.2	19.2	21.4
Surge (L)	20.6	17.9	18.5	18.5	22.2	23.0	21.4	22.3	21.1
Traill (E)	16.8	12.7	16.0	17.1	20.4	17.3	16.2	19.3	15.4
M98-108027	16.0	12.6	15.1	14.5	19.5	17.1	15.8	18.2	15.4
M00-311054	15.8	13.6	16.3	14.7	18.1	15.2	14.6	16.7	16.8
M00-326044	16.6	13.6	17.0	15.4	20.8	16.9	16.7	18.3	14.0
M00-326087	17.9	14.0	19.2	16.1	18.9	19.4	17.5	19.7	18.3
M00-327021	15.4	13.0	16.5	13.2	17.2	14.6	14.4	16.5	17.4
M00-335031	17.0	14.0	19.5	15.4	18.3	17.0	15.7	17.9	17.8
M00-340068	18.9	16.1	20.1	16.3	21.4	19.0	17.8	20.8	19.4
ND03-4591	18.5	16.1	18.4	16.2	21.3	18.3	17.3	20.9	19.6
ND03-4757	16.4	12.9	17.4	16.2	19.9	15.6	15.5	18.5	15.2
ND03-4838	18.1	16.2	18.9	16.3	20.2	18.0	16.5	20.2	18.8
ND03-5030	17.3	14.6	18.4	15.8	21.3	17.0	15.5	19.3	16.1
ND03-5037	17.3	14.4	19.0	15.8	19.7	17.8	15.5	18.8	17.0
ND03-5043	17.1	15.8	18.6	16.0	20.0	16.4	16.1	19.4	14.7
ND03-5047	17.1	15.4	17.9	15.5	20.9	17.0	15.7	18.9	15.5
ND03-5170	17.1	14.6	18.7	14.5	19.1	16.7	15.6	17.9	19.6
ND03-5672	16.9	14.1	17.8	15.6	21.0	16.2	16.0	18.9	15.5
ND03-5675	17.1	14.7	18.7	15.7	19.5	17.6	15.0	18.4	16.8
ND03-5679	18.0	14.7	18.1	18.3	22.4	17.2	16.4	19.2	17.3
ND03-6964	17.2	15.5	18.5	15.1	19.2	17.3	15.8	19.2	17.1
ND03-7152	15.5	13.3	16.2	14.7	18.3	14.2	14.5	17.3	15.3
ND03-7221	16.1	14.2	16.7	14.6	18.6	16.0	13.9	18.7	16.4
ND03-7517	17.0	14.3	19.0	14.0	20.5	17.1	15.3	18.4	17.1
OAC 04-20	20.9	17.4	20.6	20.4	25.3	22.5	20.8	22.6	17.4
OAC 05-17	17.2	17.2	16.8	13.8	20.1	18.0	14.9	18.1	19.0
OAC 05-21	18.9	18.3	19.0	17.3	20.2	20.4	18.2	19.3	18.6
SD03-344	20.7	19.5	22.0	17.4	22.3	21.5	20.3	22.1	20.1
SD03-1143	18.1	16.9	19.8	17.0	19.9	17.1	16.1	19.0	18.8
SD03-1159	17.6	17.3	19.4	15.5	19.1	16.9	15.2	18.5	18.7
SD03-1537	17.4	15.7	18.2	15.2	18.4	20.0	16.8	16.6	18.3
SD03-1582	14.6	13.2	15.8	14.2	15.8	13.8	13.6	14.3	16.1
SD03-1583	14.7	13.6	15.5	13.5	16.4	14.2	14.0	14.4	15.8
SD03-1882	15.5	12.8	16.5	13.6	17.0	16.0	14.9	16.6	16.7
SD03-2154	18.3	16.8	20.6	16.5	19.5	18.6	16.8	18.9	19.0
SD03-2327	18.9	16.7	19.9	15.4	21.6	19.9	19.3	19.0	19.4

PRELIMINARY TEST 0, 2006

SEED QUALITY (score)

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa ONT	Woodstock ONT	St. Pauls ONT	St. Bruno Que.	Aurora SD
Lambert (0)	1.6	1.3	1.7	1.0	1.0	1.5	1.5	3.0	2.0
Parker (I)	1.6	1.3	1.3	1.0	1.0	1.5	1.5	3.5	2.0
Surge (L)	1.6	1.3	1.3	1.0	1.0	1.5	1.5	3.0	2.0
Traill (E)	1.9	1.3	1.7	1.0	1.0	2.0	2.5	3.0	3.0
M98-108027	1.7	1.0	1.3	1.0	1.0	2.0	2.0	3.5	2.0
M00-311054	1.5	1.3	1.3	1.0	1.0	1.5	1.5	2.0	2.0
M00-326044	1.8	1.0	2.0	1.0	1.0	1.5	1.5	2.0	4.0
M00-326087	1.5	1.3	1.3	1.0	1.0	2.0	1.5	2.0	2.0
M00-327021	1.6	1.3	1.3	1.0	1.0	2.0	2.0	2.0	2.0
M00-335031	1.6	1.3	1.3	1.0	1.0	2.0	2.0	2.5	2.0
M00-340068	1.8	1.0	1.7	1.0	1.0	2.0	2.0	3.5	2.0
ND03-4591	2.0	1.3	2.0	2.0	1.0	2.0	2.0	4.0	2.0
ND03-4757	1.7	1.3	1.7	1.0	1.0	1.5	2.0	2.0	3.0
ND03-4838	1.5	1.3	1.3	1.0	1.0	1.5	1.5	2.0	2.0
ND03-5030	1.8	1.3	2.0	1.0	1.0	2.0	2.0	3.0	2.0
ND03-5037	1.6	1.0	1.7	1.0	1.0	2.0	2.0	2.0	2.0
ND03-5043	1.4	1.3	1.7	1.0	1.0	2.0	1.5	1.0	2.0
ND03-5047	1.7	1.0	1.7	1.0	1.0	2.0	1.5	2.5	3.0
ND03-5170	1.5	1.3	1.3	1.0	1.0	1.5	2.0	2.0	2.0
ND03-5672	1.6	1.3	1.7	1.0	1.0	2.0	1.5	2.0	2.0
ND03-5675	1.9	1.3	1.7	1.0	1.0	2.0	2.0	3.0	3.0
ND03-5679	1.6	1.3	1.7	1.0	1.0	1.5	2.0	2.0	2.0
ND03-6964	1.6	1.0	1.3	1.0	1.0	1.5	2.0	3.0	2.0
ND03-7152	1.5	1.3	1.3	1.0	1.0	1.5	2.0	2.0	2.0
ND03-7221	1.5	1.3	1.3	1.0	1.0	1.5	1.5	2.0	2.0
ND03-7517	1.6	1.3	1.7	1.0	1.0	1.5	2.5	2.0	2.0
OAC 04-20	1.8	1.0	1.7	2.0	1.0	2.0	2.5	2.0	2.0
OAC 05-17	1.8	1.7	1.7	1.0	1.0	2.0	2.0	3.0	2.0
OAC 05-21	1.5	1.3	1.3	1.0	1.0	1.5	1.5	2.5	2.0
SD03-344	1.8	1.3	2.0	1.0	1.0	1.5	1.5	4.0	2.0
SD03-1143	1.9	1.3	1.7	1.0	1.0	2.5	1.5	4.0	2.0
SD03-1159	1.9	1.7	1.7	1.0	1.0	2.0	1.5	4.0	2.0
SD03-1537	1.8	1.3	1.3	1.0	1.0	2.0	2.0	4.0	2.0
SD03-1582	1.7	1.3	1.3	1.0	1.0	1.5	2.5	3.0	2.0
SD03-1583	1.8	1.7	1.3	1.0	1.0	2.0	2.5	3.0	2.0
SD03-1882	1.9	2.0	1.3	1.0	1.0	2.0	2.0	3.0	3.0
SD03-2154	1.8	1.3	2.0	1.0	1.0	2.0	2.0	3.0	2.0
SD03-2327	1.9	1.7	1.7	1.0	1.0	2.5	2.0	3.0	2.0

PRELIMINARY TEST 0, 2006

PROTEIN (%)

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa ONT	Woodstock ONT	St. Pauls ONT	St. Bruno Que.	Aurora SD
Lambert (0)	35.1	31.7	36.4	32.8	35.4	37.3	36.3	36.2	34.7
Parker (I)	34.7	31.8	36.2	33.1	34.5	37.0	35.3	36.3	33.8
Surge (L)	35.6	33.1	35.0	33.9	36.1	38.7	36.9	37.7	33.4
Traill (E)	36.1	34.6	36.6	35.2	37.1	36.5	37.0	37.1	34.7
M98-108027	35.6			34.0	36.4	37.3	36.0	37.1	32.6
M00-311054	35.2	34.3	36.7	32.7	35.0	36.5	35.5	36.5	34.8
M00-326044	34.5	32.6	36.1	33.8	35.7	35.7	35.3	35.0	31.5
M00-326087	35.8	32.9	38.5	33.2	35.6	37.7	37.3	36.6	34.5
M00-327021	35.8	33.8	37.7	34.0	36.2	36.5	35.8	37.1	35.4
M00-335031	37.8	37.3	39.0	35.2	38.1	39.0	37.9	39.6	36.5
M00-340068	34.1	32.3	33.9	33.0	34.2	35.8	34.9	35.3	33.0
ND03-4591	33.7	31.6	34.5	31.8	33.8	34.9	34.8	35.1	32.7
ND03-4757	32.9	30.8	34.0	31.8	33.8	33.5	33.3	34.1	32.2
ND03-4838	34.2	34.5	35.3	31.4	34.3	36.0	34.2	34.8	32.7
ND03-5030	33.6	31.6	34.9	31.9	35.1	35.3	34.3	35.4	30.4
ND03-5037	33.9	32.6	35.4	31.2	34.6	35.1	34.5	35.9	31.5
ND03-5043	33.8	32.3	36.3	32.2	35.0	35.0	34.4	35.5	29.9
ND03-5047	34.2	31.4	36.1	32.1	35.2	35.0	34.5	35.3	34.0
ND03-5170	35.3	33.5	36.3	32.5	35.9	36.6	35.7	36.3	35.3
ND03-5672	33.7	31.8	35.5	31.8	34.8	34.6	34.5	35.4	31.0
ND03-5675	34.2	31.7	35.9	32.5	34.4	35.8	35.1	35.7	32.8
ND03-5679	34.1	32.7	35.0	33.8	34.9	34.9	34.2	35.1	32.3
ND03-6964	33.3	30.9	34.6	31.4	34.5	35.1	34.2	34.9	31.0
ND03-7152	35.8	34.9	35.8	36.5	35.8	36.1	35.6	36.4	35.0
ND03-7221	33.6	32.1	35.3	31.7	34.1	35.1	33.7	34.0	33.0
ND03-7517	34.2	32.2	36.3	32.5	34.5	35.8	34.1	35.0	33.0
OAC 04-20	37.0	35.3	38.3	35.0	38.3	38.9	37.8	38.4	34.1
OAC 05-17	32.6	32.4	32.6	29.6	31.7	34.7	33.7	33.8	32.4
OAC 05-21	34.3	32.7	34.7	33.0	33.8	37.4	35.1	35.7	32.2
SD03-344	39.0	38.8	39.5	33.2	39.8	41.1	40.8	41.0	37.9
SD03-1143	33.8	33.4	35.7	31.7	33.5	34.6	33.6	34.5	33.6
SD03-1159	35.4	34.7	37.5	32.9	35.3	37.1	35.9	35.7	33.9
SD03-1537	35.0	33.0	35.7	32.6	34.0	37.9	36.8	35.8	33.8
SD03-1582	34.5	33.1	36.0	33.1	33.1	36.3	34.9	35.0	34.3
SD03-1583	34.1	31.9	35.7	34.0	33.5	34.6	34.5	34.8	33.6
SD03-1882	33.8	31.4	34.6	31.3	33.1	36.5	35.6	35.8	32.3
SD03-2154	34.6	32.0	35.6	32.6	34.3	37.1	35.8	35.6	33.6
SD03-2327	35.3	32.6	36.1	35.3	35.0	36.8	36.6	37.1	32.9

* Protein and Oil values converted to 13% moisture basis.

PRELIMINARY TEST 0, 2006

OIL (%)

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Ottawa ONT	Woodstock ONT	St. Pauls ONT	St. Bruno Que.	Aurora SD
Lambert (0)	18.6	19.1	16.9	20.4	19.1	17.7	17.7	18.6	19.1
Parker (I)	17.6	17.5	16.8	19.1	18.7	17.0	17.3	17.3	17.4
Surge (L)	17.9	17.6	17.8	19.4	18.5	16.8	17.2	17.1	18.8
Traill (E)	17.6	16.8	17.5	18.4	17.7	17.5	17.0	17.4	18.5
M98-108027	17.8			19.1	17.7	17.1	16.9	17.1	19.1
M00-311054	17.9	17.2	16.8	19.7	18.6	17.7	17.6	17.7	17.9
M00-326044	18.5	18.0	16.8	18.9	19.0	18.3	18.3	19.0	19.8
M00-326087	17.5	17.2	16.2	19.1	18.1	16.8	16.8	17.7	17.8
M00-327021	16.9	16.5	16.1	18.8	17.1	16.5	16.8	16.9	16.7
M00-335031	16.4	15.5	15.6	18.4	16.9	16.0	16.2	16.3	16.4
M00-340068	18.2	17.6	18.1	19.1	19.2	17.6	18.2	18.1	18.0
ND03-4591	18.5	18.6	17.4	20.1	19.4	17.6	17.7	18.1	19.1
ND03-4757	19.0	18.7	18.9	20.3	19.7	18.0	18.4	18.9	19.3
ND03-4838	18.3	16.6	17.5	20.3	19.1	17.6	17.8	18.4	19.1
ND03-5030	19.4	19.4	19.2	20.5	19.5	18.4	18.6	18.8	21.0
ND03-5037	19.2	19.0	18.2	20.8	19.6	18.5	18.6	18.5	20.2
ND03-5043	19.2	18.5	18.2	20.6	19.6	18.5	18.6	19.0	21.0
ND03-5047	19.0	19.1	18.3	20.1	19.4	18.2	18.4	18.9	19.3
ND03-5170	17.8	17.1	17.1	19.8	18.4	16.7	17.2	17.6	18.2
ND03-5672	19.1	18.3	18.5	20.1	19.4	18.1	18.5	18.9	21.0
ND03-5675	18.7	18.4	18.3	20.4	19.2	18.1	18.0	18.2	19.3
ND03-5679	19.2	18.6	19.4	20.1	19.5	18.4	18.4	19.2	20.2
ND03-6964	18.8	18.4	17.7	20.4	18.9	18.0	18.1	18.5	20.2
ND03-7152	17.7	16.8	17.6	17.7	18.0	17.6	17.4	17.7	18.6
ND03-7221	17.9	17.2	16.3	19.7	18.5	17.2	17.5	18.1	18.6
ND03-7517	18.8	18.4	17.9	19.4	19.4	17.8	18.4	19.0	19.7
OAC 04-20	17.4	16.9	16.6	19.0	17.4	16.6	16.9	17.3	18.4
OAC 05-17	18.7	17.5	18.0	20.4	20.1	18.4	18.3	19.2	18.0
OAC 05-21	17.8	17.1	16.8	19.1	18.6	17.0	17.4	18.0	18.5
SD03-344	15.7	14.6	15.0	19.1	16.1	15.0	15.1	15.3	15.9
SD03-1143	17.5	16.1	15.5	18.8	18.6	17.1	17.6	17.9	18.0
SD03-1159	17.5	16.3	16.3	19.2	18.0	16.9	17.1	17.9	18.3
SD03-1537	17.4	16.5	16.4	19.1	18.4	17.1	17.1	17.6	16.9
SD03-1582	18.1	17.6	16.9	18.9	19.3	17.9	17.9	18.4	17.9
SD03-1583	18.3	18.2	17.4	19.0	19.3	17.6	18.0	18.5	18.5
SD03-1882	17.5	17.3	16.2	19.5	18.0	16.9	17.1	17.2	17.5
SD03-2154	18.1	17.9	17.0	19.7	19.1	17.3	17.6	18.3	17.6
SD03-2327	17.8	17.7	16.6	18.0	18.9	17.7	17.4	17.6	18.3

Uniform Test I, 2006

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	M98-227065 (I)	MN0302 x Archer	1	F5	Rps1-k, BSR
2.	IA1008 (SCN)	Northrup King S20-20 x Jack	7	F5	SCN
3.	Lambert (0)	M75-274 x M76-151	14	F5	Rps1
4.	IA1021	NE1900 x Pioneer XB28V99	2		
5.	A04-444043	Land O'Lakes 97-37364 x Syngenta S20-F8	PTI	F4	Rps1-k
6.	A04-543009	AgriPro X0121B74 x A00-711036	PTI	F4	
7.	A04-543037	Dairyland 98822 x A00-711024	PTI	F5	SCN
8.	M97-357138	IA1006 x Surge	2	F5	Rps1
9.	M00-110014	U96-2408 x MN0302	PTI	F4	Rps1-k
10.	M00-110060	U96-2408 x MN0302	PTI	F4	Rps6
11.	SD00-167	M91-821 x A94-572028	UT0	F5	
12.	SD00-266	M91-821 x E93424	UT0	F5	
13.	SD00-632	SD93-851 x LN88-10534	1	F5	
14.	SD02-14	A2242 X IA2021	PTI	F4	Rps1-k
15.	SD02-906	Pion9151 x M90-1279	PTI	F4	Rps1-k
16.	SD02-911	Pion9151 x M90-1279	PTI	F4	Rps1-k
17.	SD02-923	Pioneer P.9172 x IA2021	PTI	F4	Rps1-k
18.	SD02-1045		PT0	F4	Rps1-k, Rps6
19.	SD02-1138	Parker x Pion 9071	PT0	F4	Seg Rps1-c
20.	U00-409006	NE3001 x A94-6764017	1	F5	Det. White Mold
21.	U01-190311	NE1900 x A97-871009	1	F5	

UNIFORM TEST I, 2006

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	<u>Fe Chlorosis</u>		<u>Shattering</u>	<u>SDS</u>	<u>PR</u>		<u>PS</u>	<u>FE</u>
		Score		Score	Paris	Lafayette		Lafayette	
		Humboldt	Granite Falls	Manhattan	IL	Race	Race	a	a
		IA	MN	KS	DX	4	7	%	rx.
M98-227065 (I)	WGBDYBfI	4.3	3.5	1.0	1	S*	S*	31	S
IA1008 (SCN)	WGBDYYI	4.3	3.7	1.0	4	S	H*	21	S
Lambert (0)	PGBIYLbfl	3.9	3.3	1.0	1	S	S	34	S
IA1021	PTLdYYII	4.0	3.8	1.0	4	S	S	13	S
A04-444043	PGBDYYI	3.8	3.3	1.0	4	S*	R	4	S
A04-543009	WGBDYYI	4.3	4.2	1.0	5	S	S	10	S
A04-543037	PDTIYYI	3.9	3.4	1.0	21	S	R*	6	S
M97-357138	PGBDYIbI	4.3	3.4	2.0	5	S	S	23	S
M00-110014	WGTDYBfI	4.3	3.9	1.0	8	R	R	71	S
M00-110060	WGTDYBfI	4.4	3.9	1.0	3	R	S	45	S
SD00-167	PTBDYBII	4.0	4.3	1.0	3	S	S	47	S
SD00-266	PGTDYGrI	4.4	4.3	1.0	11	S	S	46	S
SD00-632	WGBDYLbfl	4.6	3.9	1.0	2	R*	S	35	S
SD02-14	WTBDYGrI	3.9	4.1	1.0	1	R	R	11	S
SD02-906	PTBDYBII	3.9	3.6	1.0	9	R	R	14	S
SD02-911	PTBDYBII	3.9	3.3	1.0	2	H*	S*	21	-
SD02-923	WTBIYBII	4.3	4.0	1.0	3	R	R	9	-
SD02-1045	WGTDYBfI	3.5	3.5	2.0	2	R	R	43	S
SD02-1138	PGBDYLbfl	4.1	3.2	1.0	0	S	H	30	S
U00-409006	WSSIYBI+BfS	4.6	4.3	1.0	5	S	S	12	x
U01-190311	WGBDYYI	3.9	4.1	1.0	20	S	S	18	x

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

PS: % seed discolored

FE: S = susceptible, - = lesions not detected, x = no data

UNIFORM TEST I, 2006

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	13 bu/a	13 No.	12 Date	13 Score	12 In.	13 g/100	8 Score	Protein 7 %	Oil 7 %
M98-227065 (I)	56.5	6	9/14	1.7	34	16.6	1.9	35.1	17.5
IA1008 (SCN)	55.8	8	4.0	1.8	38	17.6	1.7	33.9	16.7
Lambert (0)	43.8	21	-6.7	1.9	27	15.8	2.2	36.3	18.2
IA1021	59.1	2	2.0	1.9	34	16.7	2.0	34.9	16.6
A04-444043	57.9	4	4.2	2.1	36	17.5	1.8	34.1	17.3
A04-543009	58.0	3	5.5	1.4	32	16.2	1.8	35.3	16.2
A04-543037	61.3	1	4.1	2.3	34	15.8	2.0	33.5	17.8
M97-357138	52.8	15	-3.5	1.8	34	15.9	1.8	34.6	17.4
M00-110014	54.9	9	-1.8	2.0	37	15.3	1.8	34.4	17.6
M00-110060	53.6	12	1.2	1.9	36	15.1	1.8	34.6	17.0
SD00-167	50.5	19	-1.3	2.0	35	17.7	2.0	34.4	17.6
SD00-266	53.2	14	-1.3	1.7	32	16.2	1.8	34.2	17.9
SD00-632	52.0	17	1.9	1.8	34	16.8	2.3	34.5	17.1
SD02-14	53.5	13	3.0	2.0	34	15.3	2.2	34.7	17.1
SD02-906	54.5	10	1.1	1.9	36	18.1	1.9	33.9	18.2
SD02-911	52.4	16	1.5	2.0	36	17.2	2.0	34.9	17.2
SD02-923	54.5	10	5.2	1.7	36	14.6	2.0	33.5	17.0
SD02-1045	51.8	18	0.3	2.2	35	16.5	1.6	34.8	17.1
SD02-1138	49.4	20	-2.2	2.1	33	16.9	2.1	32.8	18.0
U00-409006	56.3	7	4.2	1.8	29	17.0	1.8	34.5	16.9
U01-190311	57.0	5	3.7	2.1	35	15.5	1.8	33.1	17.2

117.9 Days After Planting

UNIFORM TEST I, 2006

2005-2006 2-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	25 bu/a	25 No.	23 Date	25 Score	22 In.	26 g/100	13 Score	13 %	13 %
M98-227065 (I)	58.3	1	9/11	1.7	33	16.3	1.8	34.8	17.8
IA1008 (SCN)	57.7	3	3.5	1.7	37	17.1	1.7	33.8	17.2
Lambert (0)	43.2	7	-5.6	1.8	27	15.7	2.2	35.5	18.6
M97-357138	53.5	6	-2.8	1.8	33	15.4	1.7	34.2	17.8
SD00-632	54.8	5	2.2	1.8	33	16.4	2.2	34.1	17.3
U00-409006	56.9	4	3.3	2.0	31	15.8	1.6	33.5	17.5
U01-190311	57.6	2	3.9	2.1	34	15.3	1.6	32.7	17.6

115.4 Days After Planting

2004-2006 3-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	36 bu/a	36 No.	35 Date	38 Score	34 In.	39 g/100	20 Score	18 %	18 %
IA1008 (SCN)	55.0	1	9/13	1.7	35	17.5	1.7	34.3	16.9
Lambert (0)	42.1	3	-8.8	1.8	25	15.7	2.0	35.4	18.2
M97-357138	53.0	2	-4.0	1.7	30	16.0	1.5	35.1	17.4

116.3 Days After Planting

UNIFORM TEST I, 2006

YIELD (bu/a)

Strain	Mean 13 Tests	Ames IA	Charles City IA	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
M98-227065 (I)	56.5		56.0	57.0	53.5	56.7	42.4	61.1
IA1008 (SCN)	55.8		57.3	60.9	50.5	47.6	51.6	51.4
Lambert (O)	43.8		40.7	41.3	48.0	40.4	42.6	43.0
IA1021	59.1		60.0	60.7	52.6	55.8	50.1	69.2
A04-444043	57.9		55.3	62.4	44.3	52.0	49.5	65.9
A04-543009	58.0		60.4	66.5	52.2	55.7	44.7	59.8
A04-543037	61.3		65.2	71.3	51.2	61.2	58.8	64.7
M97-357138	52.8		58.7	57.7	55.9	48.5	36.5	55.8
M00-110014	54.9		49.2	55.9	48.9	47.4	45.8	56.3
M00-110060	53.6		47.1	58.3	50.9	53.1	39.3	56.9
SD00-167	50.5		49.4	48.2	48.2	46.3	38.2	51.7
SD00-266	53.2		52.4	48.4	49.9	54.8	43.6	55.9
SD00-632	52.0		53.7	51.9	51.8	45.8	38.8	58.8
SD02-14	53.5		54.9	47.0	44.6	51.5	42.5	52.3
SD02-906	54.5		56.3	54.5	53.7	55.3	48.4	47.2
SD02-911	52.4		54.4	52.7	53.3	52.6	38.8	52.7
SD02-923	54.5		57.8	57.8	49.9	52.1	45.7	54.6
SD02-1045	51.8		55.8	54.3	48.8	52.6	42.5	45.5
SD02-1138	49.4		50.4	50.6	48.5	40.2	37.9	49.4
U00-409006	56.3		54.0	59.5	52.4	47.4	44.1	50.7
U01-190311	57.0		49.1	68.5	49.3	51.1	43.8	63.7
C.V. (%)			8.6	8.9	13.6	7.1	12.3	9.6
L.S.D. (5%)			9.7	8.3	11.4	6.2	9.4	8.7
Row Sp. (In.)		27	27	26	30	15	15	10
Rows/Plot		4	4	4	4	6	6	8
Reps		2	2	3	3	2	2	3

*Data not included in mean.

UNIFORM TEST I, 2006

YIELD (bu/a)

Strain	Waseca MN	Beemer NE	Cotesfield NE	Goehner NE	Chatham Ont	St. Hyacinthe Que.	Aurora SD
M98-227065 (I)	66.3	58.4	72.9	61.8	48.9	60.9	38.5
IA1008 (SCN)	57.1	60.3	79.8	66.9	49.1	54.0	39.2
Lambert (0)	61.8	36.8	42.0	56.4	11.7*	52.0	29.3
IA1021	55.8	55.0	79.0	66.2	64.3	56.9	42.4
A04-444043	65.3	61.4	80.4	70.7	50.6	55.0	40.0
A04-543009	56.9	59.8	77.8	69.8	56.4	52.5	40.9
A04-543037	69.3	61.1	72.6	72.9	60.5	48.9	39.8
M97-357138	61.9	49.7	59.9	54.0	50.3	56.6	40.9
M00-110014	65.6	49.3	74.1	67.7	58.2	62.2	33.6
M00-110060	54.6	52.4	67.8	71.9	59.8	54.0	31.3
SD00-167	53.8	56.5	74.6	57.4	37.0	58.4	37.4
SD00-266	68.7	45.5	66.2	62.8	50.3	61.4	32.2
SD00-632	56.0	43.1	68.0	67.8	47.6	53.1	39.9
SD02-14	61.9	52.4	78.3	64.9	55.1	52.1	38.3
SD02-906	60.6	48.4	62.7	69.7	57.1	56.0	38.1
SD02-911	63.5	52.2	38.9	71.5	53.6	54.1	42.7
SD02-923	56.1	54.7	57.9	67.6	58.7	53.0	42.4
SD02-1045	56.4	50.4	64.1	59.7	50.7	55.5	37.5
SD02-1138	62.7	52.8	50.7	54.4	44.3	61.9	37.9
U00-409006	62.8	55.4	78.0	62.8	63.8	59.1	41.4
U01-190311	56.1	58.4	67.5	72.1	61.8	53.3	46.8
C.V. (%)	10.4	7.1	11.2	8.4	12.8	5.8	11.9
L.S.D. (5%)	10.3	9.3	20.5	14.1	9.2	6.8	7.3
Row Sp. (In.)	10	30	30	30	17	13	30
Rows/Plot	8	4	4	4	5	4	4
Reps	3	2	2	2	3	2	3

*Data not included in mean. Phytophthora damage.

UNIFORM TEST I, 2006

YIELD RANK

Strain	Yield Rank	Ames IA	Charles City IA	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
M98-227065 (I)	6		8	11	3	2	15	5
IA1008 (SCN)	8		6	5	11	15	2	16
Lambert (O)	21		21	21	19	20	12	21
IA1021	2		3	6	5	3	3	1
A04-444043	4		10	4	21	11	4	2
A04-543009	3		2	3	7	4	8	6
A04-543037	1		1	1	9	1	1	3
M97-357138	15		4	10	1	14	21	11
M00-110014	9		18	12	15	16	6	9
M00-110060	12		20	8	10	7	16	8
SD00-167	19		17	19	18	18	19	15
SD00-266	14		15	18	12	6	11	10
SD00-632	17		14	16	8	19	17	7
SD02-14	13		11	20	20	12	13	14
SD02-906	10		7	13	2	5	5	19
SD02-911	16		12	15	4	8	18	13
SD02-923	10		5	9	12	10	7	12
SD02-1045	18		9	14	16	9	14	20
SD02-1138	20		16	17	17	21	20	18
U00-409006	7		13	7	6	17	9	17
U01-190311	5		19	2	14	13	10	4

UNIFORM TEST I, 2006

YIELD RANK

Strain	Waseca MN	Beemer NE	Cotesfield NE	Goehner NE	Chatham Ont	St. Hyacinthe Que.	Aurora SD
M98-227065 (I)	3	5	9	16	17	4	12
IA1008 (SCN)	13	3	2	11	16	14	11
Lambert (0)	11	21	20	19	21	20	21
IA1021	19	9	3	12	1	7	4
A04-444043	5	1	1	5	13	11	8
A04-543009	14	4	6	6	9	18	7
A04-543037	1	2	10	1	4	21	10
M97-357138	9	16	17	21	14	8	6
M00-110014	4	17	8	9	7	1	18
M00-110060	20	12	12	3	5	13	20
SD00-167	21	7	7	18	20	6	17
SD00-266	2	19	14	14	15	3	19
SD00-632	18	20	11	8	18	16	9
SD02-14	9	12	4	13	10	19	13
SD02-906	12	18	16	7	8	9	14
SD02-911	6	14	21	4	11	12	2
SD02-923	16	10	18	10	6	17	3
SD02-1045	15	15	15	17	12	10	16
SD02-1138	8	11	19	20	19	2	15
U00-409006	7	8	5	14	2	5	5
U01-190311	16	5	13	2	3	15	1

UNIFORM TEST I, 2006

MATURITY (date)

Strain	Mean 12 Tests	Ames IA	Charles City IA	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
M98-227065 (I)	9/14	9/13		8/31	9/14	9/20	8/31	9/23
IA1008 (SCN)	4.0	-1		9	5	3	11	4
Lambert (0)	-6.7	-15		-4	-12	-3	-1	-9
IA1021	2.0	-5		6	4	2	9	3
A04-444043	4.2	2		7	3	4	11	5
A04-543009	5.5	6		8	5	4	14	7
A04-543037	4.1	1		8	5	7	10	6
M97-357138	-3.5	-10		-2	-3	-3	0	-6
M00-110014	-1.8	-12		2	-2	1	2	-3
M00-110060	1.2	-6		7	2	1	5	1
SD00-167	-1.3	-6		3	-3	-1	2	-2
SD00-266	-1.3	-10		2	-1	1	1	0
SD00-632	1.9	-4		6	2	2	7	3
SD02-14	3.0	1		6	4	3	6	4
SD02-906	1.1	-2		7	1	1	6	-1
SD02-911	1.5	-2		7	1	1	5	2
SD02-923	5.2	1		12	8	6	15	6
SD02-1045	0.3	-4		3	-1	0	5	2
SD02-1138	-2.2	-10		-1	-3	-2	0	-1
U00-409006	4.2	6		6	3	5	15	3
U01-190311	3.7	-4		7	5	5	13	5
Date Planted	5/19	5/2	5/11	5/9	5/28	6/5	5/6	5/10
Days to Mature	118	134		114	109	107	117	136

UNIFORM TEST I, 2006

MATURITY (date)

Strain	Waseca MN	Beemer NE	Cotesfield NE	Goehner NE	Chatham Ont	St. Hyacinthe Que.	Aurora SD
M98-227065 (I)	9/26		9/8	9/6	9/17	9/25	9/24
IA1008 (SCN)	2		1	3	4	4	2
Lambert (0)	-9		-4	-2	-8	-6	-7
IA1021	0		-1	2	4	1	-1
A04-444043	2		1	4	3	4	4
A04-543009	3		0	3	8	4	4
A04-543037	2		0	3	7	4	-3
M97-357138	-5		-3	-1	-2	-2	-5
M00-110014	-2		-2	1	0	-1	-5
M00-110060	1		-2	2	3	3	-3
SD00-167	-3		-3	-1	-3	-1	2
SD00-266	-1		-3	1	0	-1	-5
SD00-632	0		-2	2	3	0	3
SD02-14	2		-1	5	2	4	1
SD02-906	-3		1	2	0	2	-1
SD02-911	0		1	2	2	2	-3
SD02-923	2		0	3	6	4	0
SD02-1045	-3		-2	1	0	1	2
SD02-1138	0		-5	-1	-2	1	-2
U00-409006	1		-1	2	6	2	2
U01-190311	2		0	2	8	2	-1
Date Planted	5/30	5/20	6/12	5/26	5/6	5/30	5/20
Days to Mature	119		88	103	134	118	127

UNIFORM TEST I, 2006

LODGING (score)

Strain	Mean 13 Tests	Ames IA	Charles City IA	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
M98-227065 (I)	1.7	3.0	2.0	1.5	1.0	1.0	1.0	2.7
IA1008 (SCN)	1.8	3.0	2.0	1.2	1.2	1.5	1.0	3.0
Lambert (O)	1.9	3.3	2.8	1.5	1.2	1.0	1.0	2.0
IA1021	1.9	3.5	1.5	1.5	1.2	1.0	1.5	2.7
A04-444043	2.1	2.8	1.5	2.0	1.0	2.5	1.0	3.0
A04-543009	1.4	2.3	1.3	1.0	1.0	1.0	1.0	2.7
A04-543037	2.3	3.3	1.5	1.5	1.2	3.0	2.0	3.0
M97-357138	1.8	2.5	2.3	1.3	1.2	1.0	1.0	2.3
M00-110014	2.0	3.3	2.3	1.7	1.3	1.5	1.5	2.0
M00-110060	1.9	2.3	1.8	1.5	1.3	1.5	1.0	2.0
SD00-167	2.0	3.8	2.0	1.5	1.0	1.0	1.5	2.7
SD00-266	1.7	3.0	2.0	1.2	1.0	1.0	1.0	2.0
SD00-632	1.8	2.8	2.0	1.2	1.0	1.0	1.0	2.7
SD02-14	2.0	3.5	2.3	1.8	1.2	1.0	1.5	2.7
SD02-906	1.9	3.3	1.8	1.3	1.2	1.0	1.0	2.7
SD02-911	2.0	3.3	1.3	1.3	1.0	1.5	1.5	3.0
SD02-923	1.7	2.3	1.8	1.5	1.0	1.0	1.0	2.7
SD02-1045	2.2	3.8	2.0	1.7	1.0	2.0	2.0	2.7
SD02-1138	2.1	3.3	2.3	3.0	1.2	1.0	1.5	2.0
U00-409006	1.8	3.5	1.5	1.0	1.0	1.0	1.0	2.3
U01-190311	2.1	3.8	1.5	1.8	1.3	2.0	1.0	2.7

UNIFORM TEST I, 2006

LODGING (score)

Strain	Waseca MN	Beemer NE	Cotesfield NE	Goehner NE	Chatham Ont	St. Hyacinthe Que.	Aurora SD
M98-227065 (I)	2.0		3.0	1.5	1.0	2.0	1.0
IA1008 (SCN)	2.3		3.5	2.0	1.0	1.3	1.0
Lambert (0)	2.7		4.5	2.0	1.0	1.3	1.0
IA1021	3.0		3.5	2.5	1.0	1.0	1.0
A04-444043	3.0		4.0	2.0	1.0	2.5	1.0
A04-543009	2.0		2.5	1.0	1.0	1.0	1.0
A04-543037	3.0		4.5	2.0	1.0	2.3	1.0
M97-357138	2.3		4.0	2.0	1.0	2.0	1.0
M00-110014	2.0		4.5	2.0	1.3	1.5	1.0
M00-110060	2.7		4.5	2.0	1.0	2.0	1.0
SD00-167	2.7		4.5	1.5	1.0	1.8	1.0
SD00-266	2.3		4.0	1.0	1.0	1.0	1.0
SD00-632	2.3		3.5	2.0	1.0	1.0	2.0
SD02-14	3.0		3.0	2.0	1.0	1.5	1.0
SD02-906	2.7		4.0	2.0	1.0	1.3	1.0
SD02-911	2.7		4.5	2.0	1.0	1.8	1.0
SD02-923	2.3		3.0	2.0	1.0	1.3	1.0
SD02-1045	2.3		5.0	2.0	1.0	1.8	1.0
SD02-1138	3.0		5.0	1.5	1.0	1.8	1.0
U00-409006	2.7		3.5	2.0	1.0	1.5	2.0
U01-190311	3.0		4.0	2.5	1.3	1.8	1.0

UNIFORM TEST I, 2006

PLANT HEIGHT (inches)

Strain	Mean 12 Tests	Ames IA	Charles City IA	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
M98-227065 (I)	34	33	39	37	34	29	30	36
IA1008 (SCN)	38	33	45	40	38	33	35	38
Lambert (O)	27	22	33	29	28	29	23	27
IA1021	34	28	40	34	31	29	33	35
A04-444043	36	36	41	37	35	35	31	37
A04-543009	32	28	37	33	31	27	33	35
A04-543037	34	31	38	35	34	31	33	36
M97-357138	34	31	42	35	35	28	30	35
M00-110014	37	34	41	39	36	33	37	39
M00-110060	36	31	39	38	36	35	30	39
SD00-167	35	36	40	34	35	31	27	37
SD00-266	32	30	37	30	33	28	29	32
SD00-632	34	29	39	35	33	30	30	35
SD02-14	34	32	38	33	33	28	31	34
SD02-906	36	34	40	37	34	31	33	36
SD02-911	36	32	37	38	37	30	39	38
SD02-923	36	34	43	38	36	29	32	37
SD02-1045	35	33	40	35	34	34	32	36
SD02-1138	33	33	38	34	32	29	26	32
U00-409006	29	30	33	27	27	22	26	26
U01-190311	35	33	37	36	35	30	33	38

UNIFORM TEST I, 2006

PLANT HEIGHT (inches)

Strain	Waseca MN	Beemer NE	Cotesfield NE	Goehner NE	Chatham Ont	St. Hyacinthe Que.	Aurora SD
M98-227065 (I)	43			31	30	41	31
IA1008 (SCN)	48			36	35	43	34
Lambert (0)	35			27	16	33	23
IA1021	43			33	34	38	31
A04-444043	44			35	30	37	30
A04-543009	39			32	32	35	26
A04-543037	40			32	31	37	25
M97-357138	42			33	30	39	31
M00-110014	45			36	35	43	31
M00-110060	48			38	34	39	21
SD00-167	45			34	28	41	30
SD00-266	41			30	31	39	26
SD00-632	42			35	29	38	32
SD02-14	41			33	33	40	28
SD02-906	45			34	33	39	30
SD02-911	47			34	31	42	32
SD02-923	43			35	33	38	31
SD02-1045	42			33	31	37	33
SD02-1138	43			31	26	40	27
U00-409006	38			27	32	37	25
U01-190311	42			35	34	39	31

UNIFORM TEST I, 2006

SEED SIZE (g/100)

Strain	Mean 13 Tests	Ames IA	Charles City IA	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
M98-227065 (I)	16.6	16.2	16.3	15.5	15.4	14.8	14.9	16.1
IA1008 (SCN)	17.6	18.5	16.8	15.8	17.7	16.0	16.5	16.8
Lambert (O)	15.8	16.5	14.0	13.3	14.1	13.2	14.9	17.0
IA1021	16.7	18.7	15.9	14.9	15.9	14.9	15.7	16.6
A04-444043	17.5	18.3	16.5	16.1	16.4	16.1	17.3	17.0
A04-543009	16.2	16.7	15.4	14.4	15.2	14.7	16.8	16.4
A04-543037	15.8	16.6	15.1	13.9	15.4	14.0	16.3	15.5
M97-357138	15.9	16.3	15.4	13.7	15.4	14.0	15.0	16.3
M00-110014	15.3	14.9	14.6	14.0	14.7	13.6	13.5	16.0
M00-110060	15.1	15.6	14.2	13.2	14.6	14.0	13.6	15.5
SD00-167	17.7	19.0	15.9	14.3	16.9	16.1	15.2	19.1
SD00-266	16.2	16.4	15.8	14.2	15.9	14.7	14.5	17.8
SD00-632	16.8	17.4	15.7	15.0	16.9	14.6	14.3	17.1
SD02-14	15.3	15.8	14.4	12.9	14.8	14.2	14.9	14.2
SD02-906	18.1	19.1	16.9	16.0	18.1	17.3	15.9	17.7
SD02-911	17.2	17.8	15.3	14.8	18.0	16.4	13.9	16.9
SD02-923	14.6	14.7	13.4	13.0	14.8	13.8	13.6	13.8
SD02-1045	16.5	16.9	15.6	15.1	16.2	15.2	13.9	16.8
SD02-1138	16.9	17.1	15.9	14.9	16.0	13.8	15.0	17.7
U00-409006	17.0	18.0	16.2	14.1	15.9	15.2	14.6	16.5
U01-190311	15.5	15.3	13.9	13.6	15.5	13.5	14.5	15.2

UNIFORM TEST I, 2006

SEED SIZE (g/100)

Strain	Waseca MN	Beemer NE	Cotesfield NE	Goehner NE	Chatham Ont	St. Hyacinthe Que.	Aurora SD
M98-227065 (I)	17.9	18.1	17.6		14.6	18.9	19.6
IA1008 (SCN)	18.5	18.4	20.6		14.1	20.7	19.0
Lambert (0)	18.0	16.5	16.2		15.8	17.6	18.5
IA1021	18.3	17.9	17.1		14.8	17.5	19.4
A04-444043	19.0	18.9	18.3		15.3	19.0	19.7
A04-543009	16.6	18.4	16.7		14.9	17.8	16.7
A04-543037	15.5	17.0	16.7		13.8	17.5	18.3
M97-357138	17.4	16.9	17.6		13.1	17.9	18.1
M00-110014	16.3	17.5	15.8		12.9	17.2	17.9
M00-110060	16.0	17.3	15.3		13.4	16.3	17.8
SD00-167	19.2	20.7	18.0		14.0	20.8	20.9
SD00-266	16.5	17.2	16.8		14.1	17.1	19.9
SD00-632	18.8	17.5	17.2		14.5	19.5	19.8
SD02-14	15.3	17.3	17.9		12.7	17.8	17.1
SD02-906	18.5	18.6	19.7		16.8	21.7	19.6
SD02-911	18.0	18.7	17.9		15.1	19.6	21.6
SD02-923	14.4	15.7	15.8		13.1	16.8	16.5
SD02-1045	18.4	18.1	16.2		16.1	17.7	18.4
SD02-1138	18.8	19.1	16.6		14.7	19.4	21.2
U00-409006	17.8	19.6	18.5		14.6	20.2	19.9
U01-190311	16.5	18.0	17.0		14.2	16.7	17.3

UNIFORM TEST I, 2006

SEED QUALITY (score)

Strain	Mean 8 Tests	Ames IA	Charles City IA	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
M98-227065 (I)	1.9			2.5	1.0			1.0
IA1008 (SCN)	1.7			2.0	1.0			1.3
Lambert (O)	2.2			2.5	1.5			1.7
IA1021	2.0			2.0	1.0			1.0
A04-444043	1.8			2.0	1.0			1.3
A04-543009	1.8			1.5	1.0			1.3
A04-543037	2.0			2.0	1.0			1.3
M97-357138	1.8			2.0	1.0			1.3
M00-110014	1.8			1.5	1.5			1.7
M00-110060	1.8			1.5	1.0			1.3
SD00-167	2.0			2.0	1.0			1.7
SD00-266	1.8			1.5	1.0			1.3
SD00-632	2.3			3.5	2.0			1.7
SD02-14	2.2			2.5	1.0			1.3
SD02-906	1.9			2.5	1.0			1.7
SD02-911	2.0			2.5	1.5			1.3
SD02-923	2.0			1.5	1.0			1.7
SD02-1045	1.6			2.0	1.0			1.0
SD02-1138	2.1			2.0	2.0			1.7
U00-409006	1.8			1.5	1.0			1.7
U01-190311	1.8			1.5	1.0			1.3

UNIFORM TEST I, 2006

SEED QUALITY (score)

Strain	Waseca MN	Beemer NE	Cotesfield NE	Goehner NE	Chatham Ont	St. Hyacinthe Que.	Aurora SD
M98-227065 (I)	1.7	2.5	2.0		1.7		3.0
IA1008 (SCN)	1.3	2.0	2.0		2.0		2.0
Lambert (0)	1.7	3.0	2.0		2.3		3.0
IA1021	1.7	3.0	2.0		3.0		2.0
A04-444043	1.7	2.0	2.0		2.3		2.0
A04-543009	1.3	2.5	2.0		2.7		2.0
A04-543037	1.7	2.0	2.0		2.7		3.0
M97-357138	1.3	3.0	2.0		2.0		2.0
M00-110014	1.7	2.0	2.0		1.3		3.0
M00-110060	2.0	2.5	2.0		1.3		3.0
SD00-167	1.7	2.5	2.0		2.7		2.0
SD00-266	1.7	2.0	2.0		3.0		2.0
SD00-632	1.7	2.5	2.0		2.0		3.0
SD02-14	1.7	3.0	2.0		3.0		3.0
SD02-906	2.0	2.0	2.0		2.0		2.0
SD02-911	1.7	2.5	2.0		2.3		2.0
SD02-923	1.3	2.5	2.0		3.0		3.0
SD02-1045	1.3	2.0	2.0		1.3		2.0
SD02-1138	1.7	3.0	2.0		2.0		2.0
U00-409006	1.3	2.0	2.0		1.7		3.0
U01-190311	1.7	2.0	2.0		2.0		3.0

UNIFORM TEST I, 2006

PROTEIN (%)

Strain	Mean 7 Tests	Charles City IA	Lafayette IN	Wanatah IN	Lamberton MN	Waseca MN	Beemer NE	Aurora SD
M98-227065 (I)	35.1	35.9	36.0	33.9	33.9	34.0	36.8	35.5
IA1008 (SCN)	33.9	33.8	34.9	33.7	32.0	33.7	35.3	34.0
Lambert (0)	36.3	38.1	36.7	37.1	35.2	35.9	34.2	36.7
IA1021	34.9	34.8	35.7	35.3	34.0	34.2	35.5	34.9
A04-444043	34.1	34.6	34.8	34.3	33.5	32.9	35.0	33.5
A04-543009	35.3	36.0	35.2	35.0	34.5	35.8	36.6	34.3
A04-543037	33.5	32.7	33.7	34.2	33.3	34.2	33.4	32.9
M97-357138	34.6	35.1	35.0	34.4	33.7	34.2	35.5	34.1
M00-110014	34.4	35.3	34.1	33.3	34.5	33.5	35.2	34.9
M00-110060	34.6	35.6	34.5	34.1	34.4	33.3	35.0	35.2
SD00-167	34.4	34.7	34.7	33.6	34.1	33.5	35.8	34.3
SD00-266	34.2	34.3	35.2	32.7	34.1	32.4	34.8	35.7
SD00-632	34.5	34.4	37.0	33.9	33.2	34.2	35.4	33.4
SD02-14	34.7	34.9	34.8	34.4	33.4	35.1	35.8	34.4
SD02-906	33.9	33.6	34.5	33.5	31.8	33.2	36.1	34.5
SD02-911	34.9	35.9	35.5	34.3	33.2	35.4	35.1	35.2
SD02-923	33.5	32.8	34.2	34.8	31.6	32.2	35.8	33.4
SD02-1045	34.8	34.5	36.0	34.1	33.5	34.9	35.3	35.5
SD02-1138	32.8	32.6	32.3	32.9	33.6	32.4	33.2	32.8
U00-409006	34.5	33.6	35.4	35.3	33.1	33.1	37.7	33.2
U01-190311	33.1	33.8	33.3	32.6	31.2	33.8	33.9	32.9

* Protein and Oil values converted to 13% moisture basis.

UNIFORM TEST I, 2006

OIL (%)

Strain	Mean 7 Tests	Charles City IA	Lafayette IN	Wanatah IN	Lamberton MN	Waseca MN	Beemer NE	Aurora SD
M98-227065 (I)	17.5	16.7	18.5	18.2	17.8	17.8	16.7	16.7
IA1008 (SCN)	16.7	16.9	17.0	17.2	17.0	16.3	16.6	16.2
Lambert (0)	18.2	16.7	19.2	17.9	18.3	17.4	19.9	18.3
IA1021	16.6	17.2	17.5	16.6	16.3	15.8	16.7	16.1
A04-444043	17.3	17.3	17.9	17.2	16.8	17.1	17.2	17.4
A04-543009	16.2	15.5	16.6	16.8	16.2	15.8	16.4	15.9
A04-543037	17.8	17.9	19.1	17.6	17.0	16.4	18.8	17.6
M97-357138	17.4	17.0	18.3	17.7	17.2	17.1	16.9	17.4
M00-110014	17.6	16.8	19.2	18.2	17.1	17.2	17.6	16.8
M00-110060	17.0	16.5	18.7	17.3	16.8	16.3	17.5	16.2
SD00-167	17.6	17.1	19.1	17.5	17.3	17.6	17.6	16.9
SD00-266	17.9	17.8	18.8	18.9	17.4	17.5	18.3	17.0
SD00-632	17.1	17.1	18.5	17.1	17.4	16.3	16.7	16.3
SD02-14	17.1	17.0	18.0	17.4	16.8	16.1	17.3	16.9
SD02-906	18.2	18.1	19.6	18.4	18.4	17.7	17.6	17.3
SD02-911	17.2	16.0	17.9	17.9	17.5	16.3	17.9	16.9
SD02-923	17.0	17.3	17.5	16.9	17.1	16.3	17.3	16.9
SD02-1045	17.1	16.7	18.0	17.4	17.0	17.0	17.3	16.6
SD02-1138	18.0	18.0	20.1	18.1	16.8	16.8	18.8	17.3
U00-409006	16.9	17.6	17.5	17.0	17.4	17.3	14.4	17.4
U01-190311	17.2	16.9	18.5	17.9	16.7	16.1	18.1	16.6

Preliminary Test I, 2006

Ent.	Strain	Parentage	Gen. Comp.	Unique Traits
1.	M98-227065 (I)	MN0302 x Archer	F5	Rps1-k, BSR
2.	IA1008 (SCN)	Northrup King S20-20 x Jack	F5	SCN
3.	Lambert (0)	M75-274 x M76-151	F4	
4.	IA1021	NE1900 x Pioneer XB28V99		
5.	IA2073	Pioneer 92B25 x A97-553017		1% linolenic
6.	A04-542034	Dairyland 87121 x IA2064	F4	1% linolenic
7.	A05-111004	A00-711003 x AgriPro XC21Y07	F4	SCN
8.	A05-111019	A01-512036 x AgriPro XC29B34	F4	
9.	A05-112017	Thompson T-3211 x A01-512030	F4	
10.	A05-112034	A01-611005 x Syngenta S16-Y6	F4	
11.	A05-112036	Soygenetics 96-05287 x A01-511020	F4	Rps1-k
12.	A05-112037	A01-611037 x Thompson T-3221	F4	Rps1-k
13.	A05-114010	Thompson T-3211 x A15025B011	F4	1% linolenic
14.	A05-114019	Dairyland 99504 x A15025B020	F4	1% linolenic
15.	A05-211010	Thompson T-3211 x A01-512030	F4	
16.	LD03- 5340	M90-184111 x IA2050	F5	SCN
17.	M99-255012	Lambert X Sui Nong 10	F4	
18.	M00-336023	SD(ND)95-1664 X MN1401	F5	Rps1
19.	M00-378032	IA1006 X M95-274132	F5	Rps1-c, White Mold
20.	M00-500071	Sui Nong 10 X MN1401	F5	Rps1
21.	M00-537061	M95-601001 X Hendricks	F5	Rps1
22.	OAC 04-46	(A92-525014 x OAC 94-11) x Zephyr	F5	
23.	OAC 04-54	M90-178161 x OAC Stratford	F5	
24.	SD03-887	A99-216031 x Dwight	F5	Rps1-k
25.	SD03-1221	IA2021 x C1963	F5	Rps1-k
26.	SD03-1228	IA2021 x C1963	F5	Rps1-k
27.	SD03-1236	IA2021 x LG92-1255	F5	Rps1-k
28.	SD03-1254	IA2021 x LG92-7054	F5	Rps1-k
29.	SD03-1594	PION9172 x A96-492058	F5	Rps1-k
30.	SD03-1603	PION9172 x A96-492058	F5	Rps1-k
31.	SD03-1607	PION9172 x A96-492058	F5	Rps1-k
32.	SD03-1628	SD95-1520 x A96-492041	F5	Rps1-k
33.	SD03-1633	SD95-1520 x A96-492041	F5	Rps1-k
34.	SD03-1662	SD95-1520 x IA2021	F5	Rps1-k
35.	SD03-1865	SD95-781 x A96-492041	F5	Rps1-k
36.	SD03-1869	SD95-781 x A96-492041	F5	Rps1-k
37.	SD03-1881	SD95-781 x A96-492041	F5	Rps1-k
38.	SD03-1899	SD95-781 x A96-492041	F5	Rps1-k
39.	U03-100612	U99-009019 x P92B12	F5	SCN, Rps1-k
40.	U03-200319	U99-009019 x P92B12	F5	SCN, Rps1-k

PRELIMINARY TEST I, 2006

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	<u>Fe Chlorosis</u> Score		<u>Shattering</u> Score	<u>PR</u> Lafayette		<u>PS</u> Lafayette	<u>FE</u>
		Humboldt IA	Granite Falls MN	Manhattan KS	Race 4	Race 7	a %	a rx.
M98-227065 (I)	WGBDYBfI	4.3	4.3	1.0	S*	S*	31	S
IA1008 (SCN)	WGBDYYI	4.3	4.2	1.0	S	H*	21	S
Lambert (0)	PGBIYLbI	3.9	3.8	1.0	S	S	34	S
IA1021	PTLtDYYII	4.0	4.3	1.0	S	S	13	S
IA2073	WTBDYBII	4.5	4.3	1.0	S	R*	3	S
A04-542034	PTBDYBII	3.6	4.1	1.0	H*	H*	3	x
A05-111004	PGTDYLbI	4.5	4.5	1.0	S	H*	3	x
A05-111019	WGBDYYI	4.5	4.6	1.0	S	S	16	x
A05-112017	PGBDYYI	3.9	3.8	1.0	S	S	2	x
A05-112034	P+WGBDYYI	4.4	4.4	2.0	S	S	4	x
A05-112036	PGBSDYYI	3.8	3.9	1.0	H*	R	25	x
A05-112037	PTBDYYI	4.1	4.0	1.0	R	R	0	x
A05-114010	PltBIYBII	4.5	4.6	1.0	R*	R*	1	x
A05-114019	WTBDYBII	4.4	4.4	1.0	R*	R*	9	x
A05-211010	WLTBDYYI	4.5	4.4	1.0	S	S	1	x
LD03- 5340	WGBDYLbI	4.3	4.5	1.0	S	S	13	x
M99-255012	PGBSYI	4.1	4.2	1.0	H*	H*	31	x
M00-336023	PGTDYIbI	4.1	4.3	1.0	S	S	37	x
M00-378032	PTTDYYI	4.4	4.3	1.0	S	R	2	x
M00-500071	PGTDYYI	4.0	3.8	1.0	S	S	31	x
M00-537061	PGBDYYI	3.9	3.4	1.0	S	S	14	x
OAC 04-46	PW+GBSYIbI	4.3	4.3	1.0	S	S	29	x
OAC 04-54	PGBSYIbI	4.1	4.3	1.0	S	S	60	x
SD03-887	PTBDYBr+BII	3.9	4.0	2.0	S*	S*	8	x
SD03-1221	PTBDYBII	3.9	4.5	1.0	R	R	5	x
SD03-1228	PTBSYBII	4.7	4.4	1.0	R	R	7	x
SD03-1236	WTTDYBII	4.4	4.5	1.0	S*	S*	8	x
SD03-1254	PTBIYBII	4.3	4.8	1.0	R	R	0	x
SD03-1594	PTBDYBII	3.9	4.3	1.0	S*	S*	10	x
SD03-1603	PTBDYBII	4.4	4.7	1.0	R	R	11	x
SD03-1607	PTBIYBII	4.1	4.8	1.0	R	R	15	x
SD03-1628	PGBIYGrI	4.3	4.4	1.0	S*	R	33	x
SD03-1633	PGBIYDbf+LgrI	3.8	4.0	1.0	S*	R	12	x
SD03-1662	PTBDYBII	4.1	4.3	1.0	S*	S*	17	x
SD03-1865	PTBDYBI+GrI	4.0	4.3	1.0	S*	H*	9	x
SD03-1869	PTBDYYI	4.4	4.3	1.0	S*	R	5	x
SD03-1881	PTBDYBII	4.1	4.3	1.0	S*	S*	0	x
SD03-1899	PTBDYGrI	4.1	4.3	1.0	S*	S*	7	x
U03-100612	PTBDYBII	4.3	4.4	1.0	S*	S*	3	x
U03-200319	PTBIYBII	4.8	4.7	1.0	R	R	2	S

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

PS: % seed discolored

FE: S = susceptible, - = lesions not detected, x = no data

PRELIMINARY TEST I, 2006

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	10 bu/a	10 No.	10 Date	11 Score	10 In.	11 g/100	7 Score	Protein 6 %	Oil 6 %
M98-227065 (I)	57.4	18	9/17	2.0	36	16.9	1.7	35.9	17.2
IA1008 (SCN)	56.6	24	2.0	1.9	38	17.8	1.6	35.3	17.4
Lambert (0)	41.4	40	-7.0	2.1	29	18.4	1.8	35.3	18.1
IA1021	59.5	8	0.2	2.3	35	16.8	1.7	34.9	16.7
IA2073	57.1	20	5.9	1.7	33	15.2	1.8	34.2	16.5
A04-542034	58.3	12	5.6	1.8	37	13.9	1.6	34.4	17.7
A05-111004	60.2	4	6.3	2.1	35	15.6	1.7	35.5	17.0
A05-111019	60.1	5	5.4	2.4	38	16.2	1.6	34.6	17.6
A05-112017	60.1	5	4.8	2.6	37	16.6	1.6	34.3	16.2
A05-112034	59.7	7	3.7	1.8	32	17.5	1.6	35.1	16.8
A05-112036	59.2	10	9.4	2.1	39	15.7	1.7	34.9	16.8
A05-112037	56.8	22	4.9	1.8	33	16.8	1.7	34.4	17.2
A05-114010	59.3	9	7.6	2.2	34	16.6	1.4	34.9	15.9
A05-114019	58.2	13	8.5	2.3	37	15.6	1.5	34.4	16.6
A05-211010	60.8	2	7.8	2.4	34	14.2	1.6	35.8	15.9
LD03- 5340	57.8	16	4.9	2.1	35	17.2	1.5	34.2	16.8
M99-255012	52.5	35	-1.8	2.0	38	18.6	1.9	34.9	17.2
M00-336023	52.6	34	-2.4	2.3	38	17.3	1.7	34.7	17.8
M00-378032	56.7	23	0.1	1.6	31	16.2	1.6	35.3	16.5
M00-500071	52.5	35	-0.3	1.8	35	18.8	1.7	35.0	17.2
M00-537061	52.5	35	0.8	2.2	35	17.1	1.7	34.9	17.3
OAC 04-46	50.1	39	1.1	2.4	37	15.3	1.7	32.6	18.0
OAC 04-54	54.2	29	-1.8	2.4	36	17.0	1.7	34.7	17.4
SD03-887	56.9	21	2.0	1.7	32	17.1	1.5	34.5	16.7
SD03-1221	53.5	30	-2.2	1.9	32	16.3	1.6	33.7	17.9
SD03-1228	53.1	31	-0.3	1.8	32	16.2	1.5	34.1	17.9
SD03-1236	54.8	28	0.1	1.8	31	16.4	1.6	34.3	17.8
SD03-1254	58.5	11	1.6	2.0	33	16.1	1.7	34.7	17.3
SD03-1594	57.9	15	0.9	1.8	35	17.2	1.6	34.4	16.7
SD03-1603	58.1	14	1.0	1.6	33	17.9	1.5	34.9	16.2
SD03-1607	57.2	19	1.3	1.8	34	16.2	1.6	34.1	17.5
SD03-1628	55.2	27	0.4	2.0	36	18.9	1.7	34.2	16.9
SD03-1633	57.7	17	2.9	2.2	38	17.4	2.0	32.6	17.5
SD03-1662	52.0	38	-3.4	2.5	39	14.1	1.6	34.2	17.5
SD03-1865	56.5	25	1.5	2.0	36	16.8	2.0	34.0	16.5
SD03-1869	53.1	31	-0.2	2.1	36	14.3	1.8	33.0	17.0
SD03-1881	55.8	26	0.9	2.4	33	15.9	1.7	33.5	17.4
SD03-1899	53.0	33	0.7	2.1	34	16.2	1.9	33.7	17.0
U03-100612	61.4	1	3.4	1.9	32	15.7	1.7	32.8	17.2
U03-200319	60.6	3	4.7	1.7	35	14.7	1.5	33.2	17.4

117.6 Days After Planting

PRELIMINARY TEST I, 2006

YIELD (bu/a)

Strain	Mean 10 Tests	Ames IA	Charles City IA	Lafayette IN	Ingham County MI	Lamberton MN	Waseca MN
M98-227065 (I)	57.4		56.0	60.6	51.0	49.6	54.7
IA1008 (SCN)	56.6		57.3	67.8	48.2	44.6	53.9
Lambert (0)	41.4		40.7	40.9	37.8	33.3	52.1
IA1021	59.5		60.0	63.6	58.9	53.4	60.2
IA2073	57.1		45.6	63.8	57.7	48.8	51.4
A04-542034	58.3		52.8	66.6	62.4	52.9	55.9
A05-111004	60.2		54.7	66.3	55.5	56.0	55.9
A05-111019	60.1		60.4	64.4	56.7	53.3	59.6
A05-112017	60.1		60.1	68.1	52.5	53.6	55.0
A05-112034	59.7		52.7	69.0	55.6	49.8	52.5
A05-112036	59.2		53.0	63.7	59.8	50.8	55.9
A05-112037	56.8		58.3	57.7	54.6	57.2	55.2
A05-114010	59.3		57.5	62.3	55.6	60.5	54.5
A05-114019	58.2		57.4	60.7	55.4	56.1	56.9
A05-211010	60.8		64.3	66.8	54.6	62.4	49.6
LD03- 5340	57.8		61.8	67.7	53.6	43.2	48.3
M99-255012	52.5		53.3	59.0	49.7	47.0	53.4
M00-336023	52.6		48.8	52.0	49.4	46.3	53.1
M00-378032	56.7		51.5	53.2	55.9	60.5	51.1
M00-500071	52.5		52.9	54.8	48.1	45.3	51.4
M00-537061	52.5		51.5	50.1	53.2	50.8	55.7
OAC 04-46	50.1		47.5	44.1	49.9	46.2	52.8
OAC 04-54	54.2		44.0	50.9	55.0	49.6	59.3
SD03-887	56.9		59.6	64.4	56.4	50.4	58.1
SD03-1221	53.5		50.1	46.9	48.1	45.7	59.0
SD03-1228	53.1		52.8	51.4	43.7	47.2	57.6
SD03-1236	54.8		47.0	52.7	51.8	53.9	56.7
SD03-1254	58.5		51.9	60.6	55.1	61.7	56.2
SD03-1594	57.9		58.7	57.3	59.2	47.7	58.3
SD03-1603	58.1		55.4	59.5	52.2	54.6	60.1
SD03-1607	57.2		57.9	54.8	52.9	57.1	60.3
SD03-1628	55.2		55.0	50.5	55.9	47.3	55.2
SD03-1633	57.7		53.8	56.0	58.5	53.2	56.5
SD03-1662	52.0		46.5	49.3	50.2	53.9	59.2
SD03-1865	56.5		49.3	49.9	58.7	47.5	61.6
SD03-1869	53.1		50.0	49.4	52.6	58.3	56.9
SD03-1881	55.8		52.2	47.9	56.6	49.4	52.7
SD03-1899	53.0		42.1	48.0	51.7	35.8	61.5
U03-100612	61.4		63.2	63.9	53.8	58.9	64.3
U03-200319	60.6		54.3	59.0	59.6	60.6	58.8
C.V. (%)			8.9	7.2	7.2	11.8	7.5
L.S.D. (5%)			9.7	8.5	6.5	12.2	8.5
Row Sp. (In.)		27	27	26	15	10	10
Rows/Plot		4	4	4	6	4	4
Reps		2	2	2	2	2	2

*Data not included in mean.

PRELIMINARY TEST I, 2006

YIELD (bu/a)

Strain	Beemer NE	Cotesfield* NE	Goehner NE	Palmyra Ont	St. Hyacinthe Que.	Aurora SD
M98-227065 (I)	57.5	86.4	76.7	59.2	63.6	45.0
IA1008 (SCN)	58.2	62.9	73.5	62.1	54.7	45.9
Lambert (0)	40.5	42.4	46.5	40.4	53.0	29.2
IA1021	58.6	77.2	71.3	61.3	57.2	50.1
IA2073	53.7	73.0	86.8	62.7	51.3	49.2
A04-542034	58.0	91.4	79.2	54.3	54.2	46.7
A05-111004	58.8	75.3	81.7	63.4	53.6	56.6
A05-111019	50.2	77.6	79.2	64.5	60.2	52.8
A05-112017	58.7	88.8	84.9	64.6	52.0	51.3
A05-112034	59.3	74.1	79.9	69.6	57.1	51.6
A05-112036	59.0	65.7	82.9	64.0	55.8	46.7
A05-112037	56.8	77.8	82.4	57.2	44.6	44.5
A05-114010	63.8	81.9	77.9	64.6	48.0	48.3
A05-114019	57.5	86.1	77.7	61.5	52.6	46.1
A05-211010	60.1	82.4	80.9	62.3	54.3	52.4
LD03- 5340	54.0	69.0	77.1	60.3	56.4	55.3
M99-255012	48.8	68.9	64.5	59.8	52.9	36.9
M00-336023	52.3	64.3	74.5	50.0	55.7	43.6
M00-378032	51.7	65.6	68.7	63.3	57.9	53.3
M00-500071	49.1	72.9	69.4	49.3	59.2	45.1
M00-537061	47.6	73.1	70.1	44.2	55.3	46.5
OAC 04-46	41.6	73.0	72.9	51.2	56.4	38.2
OAC 04-54	47.4	62.5	67.5	61.8	58.6	47.6
SD03-887	47.4	62.9	72.0	63.3	50.5	46.9
SD03-1221	54.3	57.9	69.0	57.0	51.0	54.3
SD03-1228	50.7	71.2	69.7	55.0	59.3	43.9
SD03-1236	49.9	60.6	70.5	64.2	56.9	44.5
SD03-1254	55.8	67.5	72.8	67.1	55.8	47.7
SD03-1594	48.8	51.6	76.6	66.5	57.6	47.9
SD03-1603	51.3	73.8	75.4	66.8	61.2	44.1
SD03-1607	50.2	66.3	75.2	60.4	56.0	47.0
SD03-1628	55.2	58.7	71.2	60.6	57.7	43.3
SD03-1633	52.8	62.2	70.8	66.7	60.9	47.5
SD03-1662	45.8	53.5	64.5	48.2	55.2	47.2
SD03-1865	50.4	51.1	73.6	63.2	58.1	53.1
SD03-1869	47.6	69.1	72.9	52.8	51.6	38.9
SD03-1881	58.6	55.1	75.6	54.6	60.0	50.2
SD03-1899	54.4	68.9	74.7	58.3	55.9	47.4
U03-100612	64.8	82.1	84.4	59.2	54.9	46.5
U03-200319	61.9	68.8	82.4	65.9	53.5	49.6
C.V. (%)	9.8	12.0	3.6	5.9	6.2	11.2
L.S.D. (5%)	13.0	23.7	6.6	5.9	6.9	10.6
Row Sp. (In.)	30	30	30	17	13	30
Rows/Plot	4	4	4	5	4	4
Reps	2	2	2	2	2	2

PRELIMINARY TEST I, 2006

YIELD RANK

Strain	Yield Rank	Ames IA	Charles City IA	Lafayette IN	Ingham County MI	Lamberton MN	Waseca MN
M98-227065 (I)	18		14	16	31	24	27
IA1008 (SCN)	24		13	3	36	37	29
Lambert (0)	40		40	40	40	40	35
IA1021	8		6	13	5	16	5
IA2073	20		37	11	8	27	36
A04-542034	12		23	6	1	19	20
A05-111004	4		17	7	16	11	20
A05-111019	5		4	8	9	17	7
A05-112017	5		5	2	27	15	26
A05-112034	7		25	1	14	23	34
A05-112036	10		21	12	2	20	20
A05-112037	22		9	21	20	8	24
A05-114010	9		11	14	15	4	28
A05-114019	13		12	15	17	10	15
A05-211010	2		1	5	21	1	39
LD03- 5340	16		3	4	23	38	40
M99-255012	35		20	19	34	32	30
M00-336023	34		33	28	35	33	31
M00-378032	23		28	26	12	4	38
M00-500071	35		22	24	37	36	36
M00-537061	35		28	32	24	20	23
OAC 04-46	39		34	39	33	34	32
OAC 04-54	29		38	30	19	24	8
SD03-887	21		7	8	11	22	13
SD03-1221	30		30	38	38	35	10
SD03-1228	31		23	29	39	31	14
SD03-1236	28		35	27	29	13	17
SD03-1254	11		27	16	18	2	19
SD03-1594	15		8	22	4	28	12
SD03-1603	14		15	18	28	12	6
SD03-1607	19		10	24	25	9	4
SD03-1628	27		16	31	13	30	24
SD03-1633	17		19	23	7	18	18
SD03-1662	38		36	35	32	13	9
SD03-1865	25		32	33	6	29	2
SD03-1869	31		31	34	26	7	15
SD03-1881	26		26	37	10	26	33
SD03-1899	33		39	36	30	39	3
U03-100612	1		2	10	22	6	1
U03-200319	3		18	19	3	3	11

PRELIMINARY TEST I, 2006

YIELD RANK

Strain	Beemer NE	Cotesfield NE	Goehner NE	Palmyra Ont	St. Hyacinthe Que.	Aurora SD
M98-227065 (I)	14	3	15	26	1	30
IA1008 (SCN)	11	29	23	18	26	28
Lambert (0)	40	40	40	40	31	40
IA1021	9	10	28	21	13	11
IA2073	21	15	1	16	36	13
A04-542034	12	1	10	33	28	23
A05-111004	7	11	7	12	29	1
A05-111019	28	9	10	9	4	6
A05-112017	8	2	2	7	34	9
A05-112034	5	12	9	1	14	8
A05-112036	6	26	4	11	21	24
A05-112037	15	8	5	29	40	31
A05-114010	2	7	12	8	39	14
A05-114019	14	4	13	20	33	27
A05-211010	4	5	8	17	27	7
LD03- 5340	20	20	14	24	17	2
M99-255012	32	21	38	25	32	39
M00-336023	23	28	21	36	22	35
M00-378032	24	27	36	13	10	4
M00-500071	31	17	34	37	7	29
M00-537061	34	14	32	39	23	26
OAC 04-46	39	15	24	35	16	38
OAC 04-54	36	31	37	19	8	17
SD03-887	36	29	27	14	38	22
SD03-1221	19	35	35	30	37	3
SD03-1228	26	18	33	31	6	34
SD03-1236	30	33	31	10	15	31
SD03-1254	16	24	26	2	20	16
SD03-1594	32	38	16	5	12	15
SD03-1603	25	13	18	3	2	33
SD03-1607	28	25	19	23	18	21
SD03-1628	17	34	29	22	11	36
SD03-1633	22	32	30	4	3	18
SD03-1662	38	37	38	38	24	20
SD03-1865	27	39	22	15	9	5
SD03-1869	34	19	24	34	35	37
SD03-1881	9	36	17	32	5	10
SD03-1899	18	21	20	28	19	19
U03-100612	1	6	3	27	25	25
U03-200319	3	23	5	6	30	12

PRELIMINARY TEST I, 2006

MATURITY (date)

Strain	Mean 10 Tests	Ames IA	Charles City IA	Lafayette IN	Ingham County MI	Lamberton MN	Waseca MN
M98-227065 (I)	9/17	9/13		9/2	9/20	9/27	9/26
IA1008 (SCN)	2.0	-1		7	3	1	-2
Lambert (0)	-7.0	-15		-6	-4	-12	-11
IA1021	0.2	-5		5	3	-1	-1
IA2073	5.9	4		10	7	5	3
A04-542034	5.6	3		9	6	5	3
A05-111004	6.3	3		8	10	5	4
A05-111019	5.4	4		9	8	4	4
A05-112017	4.8	5		10	12	4	1
A05-112034	3.7	2		8	8	3	1
A05-112036	9.4	7		14	17	6	4
A05-112037	4.9	2		5	5	3	2
A05-114010	7.6	3		10	12	3	3
A05-114019	8.5	8		11	12	5	3
A05-211010	7.8	4		11	12	5	3
LD03- 5340	4.9	4		4	9	5	3
M99-255012	-1.8	-9		3	-1	-6	-1
M00-336023	-2.4	-7		-1	-2	-6	-2
M00-378032	0.1	-4		3	1	0	-2
M00-500071	-0.3	-7		3	-1	-1	-1
M00-537061	0.8	-6		5	1	0	0
OAC 04-46	1.1	-2		3	2	1	-3
OAC 04-54	-1.8	-10		1	-1	-6	-1
SD03-887	2.0	-2		5	4	0	1
SD03-1221	-2.2	-9		1	1	-4	-4
SD03-1228	-0.3	-7		1	2	0	-5
SD03-1236	0.1	-3		5	2	0	-1
SD03-1254	1.6	-6		5	5	0	1
SD03-1594	0.9	-5		5	4	-1	0
SD03-1603	1.0	-3		5	3	0	1
SD03-1607	1.3	-2		6	4	-1	0
SD03-1628	0.4	-6		6	1	-1	0
SD03-1633	2.9	1		6	4	0	3
SD03-1662	-3.4	-10		0	-1	-7	-6
SD03-1865	1.5	-2		5	3	1	1
SD03-1869	-0.2	-9		1	4	0	1
SD03-1881	0.9	-2		3	3	0	1
SD03-1899	0.7	-3		1	4	1	1
U03-100612	3.4	3		6	5	2	2
U03-200319	4.7	2		6	6	4	3
Date Planted	5/22	5/7	5/9	5/9	6/5	5/10	5/30
Days to Mature	118	129		116	107	140	119

PRELIMINARY TEST I, 2006

MATURITY (date)

Strain	Beemer NE	Cotesfield NE	Goehner NE	Palmyra Ont	St. Hyacinthe Que.	Aurora SD
M98-227065 (I)		9/13	9/8	9/17	9/24	9/21
IA1008 (SCN)		0	0	4	5	2
Lambert (0)		-3	-4	-5	-6	-4
IA1021		-3	-1	4	3	-2
IA2073		3	7	8	5	7
A04-542034		3	6	6	5	10
A05-111004		2	6	10	5	10
A05-111019		2	4	10	5	4
A05-112017		-1	1	6	4	6
A05-112034		1	2	6	3	3
A05-112036		3	8	11	13	11
A05-112037		1	3	14	4	10
A05-114010		7	4	19	5	10
A05-114019		5	5	20	5	11
A05-211010		5	6	20	5	7
LD03- 5340		1	4	17	5	-3
M99-255012		-1	-3	0	0	0
M00-336023		-3	-2	-2	1	0
M00-378032		0	0	2	1	0
M00-500071		-2	-1	4	4	-1
M00-537061		-3	1	0	4	5
OAC 04-46		-1	0	5	5	1
OAC 04-54		-2	-1	0	1	1
SD03-887		-1	0	5	3	4
SD03-1221		-3	-2	0	0	-2
SD03-1228		-1	0	4	3	0
SD03-1236		-1	0	2	-1	-2
SD03-1254		-2	1	5	3	4
SD03-1594		-2	0	4	4	0
SD03-1603		-1	0	4	1	0
SD03-1607		-2	0	4	3	0
SD03-1628		-2	0	2	3	1
SD03-1633		0	0	4	5	6
SD03-1662		-4	-4	0	0	-2
SD03-1865		0	0	3	3	0
SD03-1869		-2	0	2	2	-1
SD03-1881		-1	1	1	2	0
SD03-1899		-1	0	2	3	-2
U03-100612		1	3	6	4	2
U03-200319		2	3	5	4	12
Date Planted	5/20	6/12	5/26	5/30	5/30	5/20
Days to Mature		93	105	110	117	124

PRELIMINARY TEST I, 2006

LODGING (score)

Strain	Mean 11 Tests	Ames IA	Charles City IA	Lafayette IN	Ingham County MI	Lamberton MN	Waseca MN
M98-227065 (I)	2.0	3.0	2.0	1.8	1.5	2.5	2.0
IA1008 (SCN)	1.9	3.0	2.0	1.3	1.0	2.5	2.0
Lambert (0)	2.1	3.3	2.8	1.5	1.0	2.0	2.5
IA1021	2.3	3.5	1.5	1.5	3.0	2.5	2.5
IA2073	1.7	2.0	1.3	1.0	2.0	2.5	2.0
A04-542034	1.8	2.5	1.3	1.0	1.5	2.5	2.5
A05-111004	2.1	2.8	1.5	1.5	2.5	3.0	2.5
A05-111019	2.4	3.5	2.3	1.8	4.0	3.0	2.5
A05-112017	2.6	3.8	1.8	1.8	3.0	3.0	3.0
A05-112034	1.8	2.5	1.5	1.0	1.0	3.0	3.0
A05-112036	2.1	2.5	2.0	1.3	3.0	2.5	2.5
A05-112037	1.8	2.5	1.5	1.0	1.0	2.5	2.5
A05-114010	2.2	2.0	1.3	1.0	1.5	2.0	2.5
A05-114019	2.3	3.3	1.5	1.0	2.0	2.0	2.5
A05-211010	2.4	3.5	2.0	1.5	3.0	3.0	2.5
LD03- 5340	2.1	3.5	1.5	1.0	2.0	3.0	3.0
M99-255012	2.0	3.0	2.8	1.8	1.0	2.0	2.0
M00-336023	2.3	3.8	2.5	2.0	1.5	2.5	2.0
M00-378032	1.6	2.3	1.3	1.3	1.0	2.5	2.0
M00-500071	1.8	2.5	1.5	1.3	1.0	2.0	2.0
M00-537061	2.2	3.8	2.5	2.0	1.0	2.5	2.5
OAC 04-46	2.4	3.5	2.3	2.3	3.0	3.0	2.5
OAC 04-54	2.4	3.8	2.3	2.3	3.0	2.0	2.0
SD03-887	1.7	2.8	1.5	1.3	1.0	2.0	2.5
SD03-1221	1.9	2.8	1.3	1.3	1.0	2.0	2.0
SD03-1228	1.8	2.8	2.0	1.3	1.0	2.0	2.0
SD03-1236	1.8	3.0	1.8	1.0	1.5	2.0	2.5
SD03-1254	2.0	2.8	1.5	1.5	2.0	2.5	3.0
SD03-1594	1.8	2.3	1.3	1.0	2.5	2.0	2.5
SD03-1603	1.6	2.3	1.5	1.0	1.0	2.0	2.0
SD03-1607	1.8	3.5	1.5	1.0	1.0	2.0	2.5
SD03-1628	2.0	3.0	1.8	1.8	3.0	2.0	2.0
SD03-1633	2.2	3.3	2.0	1.8	2.0	3.0	2.0
SD03-1662	2.5	3.8	3.0	2.5	2.0	2.0	2.0
SD03-1865	2.0	3.0	1.8	1.5	2.0	2.5	2.0
SD03-1869	2.1	2.8	1.8	2.0	2.5	2.5	2.5
SD03-1881	2.4	3.3	1.5	1.5	1.0	2.5	3.0
SD03-1899	2.1	2.8	1.5	1.8	2.0	2.5	2.5
U03-100612	1.9	3.3	1.5	1.0	1.5	2.0	2.5
U03-200319	1.7	2.5	1.5	1.0	1.0	2.5	2.0

PRELIMINARY TEST I, 2006

LODGING (score)

Strain	Beemer NE	Cotesfield NE	Goehner NE	Palmyra Ont	St. Hyacinthe Que.	Aurora SD
M98-227065 (I)		3.5	2.0	1.5	1.5	1.0
IA1008 (SCN)		4.0	2.0	1.0	1.3	1.0
Lambert (0)		5.0	2.0	1.0	1.0	1.0
IA1021		3.5	3.0	1.5	1.3	1.0
IA2073		3.0	2.0	1.0	1.3	1.0
A04-542034		3.0	2.0	1.0	1.0	1.0
A05-111004		3.5	2.0	1.5	1.0	1.0
A05-111019		4.0	2.0	1.0	1.3	1.0
A05-112017		4.0	3.0	1.5	2.8	1.0
A05-112034		3.0	2.0	1.0	1.3	1.0
A05-112036		3.5	2.0	1.0	1.3	1.0
A05-112037		4.0	2.0	1.0	1.0	1.0
A05-114010		3.0	7.5	1.0	1.5	1.0
A05-114019		2.5	7.5	1.0	1.0	1.0
A05-211010		3.5	2.5	1.5	2.0	1.0
LD03- 5340		3.5	2.5	1.0	1.3	1.0
M99-255012		4.0	2.0	1.0	1.3	1.0
M00-336023		5.0	2.0	1.0	2.3	1.0
M00-378032		3.5	1.0	1.0	1.0	1.0
M00-500071		3.5	2.0	1.5	1.5	1.0
M00-537061		4.0	2.0	1.0	1.8	1.0
OAC 04-46		4.0	2.0	1.5	1.8	1.0
OAC 04-54		4.5	2.0	2.0	1.5	1.0
SD03-887		3.5	1.5	1.0	1.0	1.0
SD03-1221		4.0	2.0		1.5	1.0
SD03-1228		3.0	2.0	1.0	1.5	1.0
SD03-1236		3.5	2.0	1.0	1.0	1.0
SD03-1254		3.5	2.0	1.0	1.0	1.0
SD03-1594		3.5	2.0	1.0	1.0	1.0
SD03-1603		3.5	1.5	1.0	1.0	1.0
SD03-1607		3.5	2.0	1.0	1.0	1.0
SD03-1628		3.5	2.0	1.0	1.3	1.0
SD03-1633		4.0	2.0	1.5	1.3	1.0
SD03-1662		4.5	2.5	1.5	2.8	1.0
SD03-1865		4.0	2.0	1.5	1.0	1.0
SD03-1869		4.0	1.5	1.0	1.5	1.0
SD03-1881		4.5	6.0	1.0	1.0	1.0
SD03-1899		4.0	2.0	1.0	1.8	1.0
U03-100612		4.0	2.0	1.0	1.0	1.0
U03-200319		3.5	2.0	1.0	1.0	1.0

PRELIMINARY TEST I, 2006

PLANT HEIGHT (inches)

Strain	Mean 10 Tests	Ames IA	Charles City IA	Lafayette IN	Ingham County MI	Lamberton MN	Waseca MN
M98-227065 (I)	36	33	39	38	27	37	39
IA1008 (SCN)	38	33	45	40	32	40	45
Lambert (0)	29	22	33	30	24	28	35
IA1021	35	28	40	34	31	38	41
IA2073	33	33	34	35	30	37	32
A04-542034	37	36	39	39	31	42	38
A05-111004	35	31	37	35	28	38	43
A05-111019	38	32	41	39	34	40	44
A05-112017	37	34	41	38	31	38	43
A05-112034	32	28	36	33	26	36	42
A05-112036	39	38	43	41	35	40	45
A05-112037	33	29	39	33	26	37	39
A05-114010	34	31	37	37	28	37	39
A05-114019	37	36	42	38	29	41	40
A05-211010	34	29	38	33	27	35	40
LD03- 5340	35	33	40	35	27	35	39
M99-255012	38	34	43	39	33	34	43
M00-336023	38	38	42	37	34	39	44
M00-378032	31	26	33	31	27	31	40
M00-500071	35	35	41	37	28	37	43
M00-537061	35	32	40	37	30	32	40
OAC 04-46	37	34	41	36	35	39	42
OAC 04-54	36	38	38	31	35	32	42
SD03-887	32	28	36	34	27	36	37
SD03-1221	32	31	32	32	27	30	38
SD03-1228	32	28	36	32	24	32	35
SD03-1236	31	22	33	30	29	29	38
SD03-1254	33	30	36	33	29	33	35
SD03-1594	35	31	38	34	32	32	37
SD03-1603	33	30	37	34	29	32	38
SD03-1607	34	26	36	34	31	31	41
SD03-1628	36	31	39	37	33	35	38
SD03-1633	38	36	43	38	37	38	44
SD03-1662	39	36	43	39	34	40	41
SD03-1865	36	30	39	35	31	38	44
SD03-1869	36	32	41	35	33	40	42
SD03-1881	33	29	36	32	29	33	37
SD03-1899	34	31	35	33	31	36	40
U03-100612	32	32	36	33	26	31	37
U03-200319	35	32	36	36	30	34	39

PRELIMINARY TEST I, 2006

PLANT HEIGHT (inches)

Strain	Beemer NE	Cotesfield NE	Goehner NE	Palmyra Ont	St. Hyacinthe Que.	Aurora SD
M98-227065 (I)			35	36	38	34
IA1008 (SCN)			35	37	43	34
Lambert (0)			27	28	33	26
IA1021			33	36	38	29
IA2073			32	34	36	29
A04-542034			37	35	40	35
A05-111004			35	35	37	33
A05-111019			36	38	37	35
A05-112017			38	36	41	29
A05-112034			29	32	35	27
A05-112036			37	38	41	33
A05-112037			34	34	36	26
A05-114010			34	36	37	26
A05-114019			36	36	39	33
A05-211010			34	34	35	30
LD03- 5340			34	32	37	37
M99-255012			35	38	42	35
M00-336023			36	36	39	38
M00-378032			29	32	34	28
M00-500071			33	32	36	32
M00-537061			35	32	41	36
OAC 04-46			35	36	39	32
OAC 04-54			34	38	38	36
SD03-887			31	34	36	26
SD03-1221			31	31	37	28
SD03-1228			32	30	35	31
SD03-1236			30	34	34	27
SD03-1254			31	36	36	31
SD03-1594			33	37	38	37
SD03-1603			31	35	36	29
SD03-1607			33	36	38	30
SD03-1628			35	36	42	33
SD03-1633			37	37	40	34
SD03-1662			38	40	42	40
SD03-1865			36	38	40	31
SD03-1869			34	38	39	30
SD03-1881			33	32	37	30
SD03-1899			33	34	38	31
U03-100612			32	34	36	27
U03-200319			33	36	38	31

PRELIMINARY TEST I, 2006

SEED SIZE (g/100)

Strain	Mean 11 Tests	Ames IA	Charles City IA	Lafayette IN	Ingham County MI	Lamberton MN	Waseca MN
M98-227065 (I)	16.9	16.2	16.3	14.3	14.5	17.7	16.8
IA1008 (SCN)	17.8	18.5	16.8	17.4	15.5	17.0	17.9
Lambert (0)	18.4	16.5	14.0	14.3	13.4	45.6	16.6
IA1021	16.8	18.7	15.9	15.4	15.3	16.5	17.9
IA2073	15.2	14.8	12.7	12.6	14.7	14.4	15.3
A04-542034	13.9	13.3	12.1	13.1	13.1	12.2	13.4
A05-111004	15.6	15.4	14.3	13.8	15.3	14.7	15.5
A05-111019	16.2	15.0	15.1	15.9	15.3	15.1	16.3
A05-112017	16.6	16.0	16.2	15.8	15.4	16.5	16.1
A05-112034	17.5	16.9	16.5	15.1	16.1	16.5	18.2
A05-112036	15.7	15.3	14.1	13.9	15.1	14.3	15.9
A05-112037	16.8	17.7	15.5	15.1	15.4	16.9	16.6
A05-114010	16.6	15.8	15.5	15.1	15.4	16.7	16.8
A05-114019	15.6	16.2	14.1	14.9	14.3	15.8	14.9
A05-211010	14.2	13.1	12.9	12.3	12.5	13.0	13.3
LD03- 5340	17.2	17.8	16.0	16.3	15.6	16.5	17.9
M99-255012	18.6	17.9	18.0	19.0	16.0	18.1	18.6
M00-336023	17.3	17.3	15.7	15.5	14.9	18.9	17.8
M00-378032	16.2	16.3	15.0	14.1	14.2	15.7	16.2
M00-500071	18.8	18.3	17.4	17.0	16.9	18.9	19.6
M00-537061	17.1	15.9	15.1	15.4	15.6	16.2	18.7
OAC 04-46	15.3	15.3	14.5	13.1	13.5	13.5	17.0
OAC 04-54	17.0	17.6	14.7	14.8	14.8	17.4	16.5
SD03-887	17.1	16.0	15.9	15.6	15.5	16.6	17.6
SD03-1221	16.3	15.9	14.4	14.2	14.0	16.1	16.5
SD03-1228	16.2	15.8	14.9	14.2	13.8	16.3	16.6
SD03-1236	16.4	16.3	14.4	13.9	15.0	15.3	16.1
SD03-1254	16.1	16.3	14.8	14.8	15.0	15.7	15.6
SD03-1594	17.2	17.1	15.6	14.9	16.7	16.6	17.7
SD03-1603	17.9	18.4	16.9	16.9	15.9	17.8	17.7
SD03-1607	16.2	16.3	15.1	13.7	14.5	15.1	16.4
SD03-1628	18.9	18.1	17.6	15.5	17.2	18.9	18.9
SD03-1633	17.4	18.1	16.2	15.3	15.4	18.0	16.4
SD03-1662	14.1	13.9	13.0	12.2	12.2	13.7	14.3
SD03-1865	16.8	17.1	15.2	14.9	15.6	16.5	17.3
SD03-1869	14.3	14.1	13.7	11.9	13.7	15.1	15.0
SD03-1881	15.9	16.2	14.5	12.7	14.7	16.2	16.8
SD03-1899	16.2	16.4	14.8	13.5	14.9	16.5	16.9
U03-100612	15.7	15.7	14.2	13.3	13.9	14.3	16.3
U03-200319	14.7	15.2	13.2	12.5	14.1	14.0	14.9

PRELIMINARY TEST I, 2006

SEED SIZE (g/100)

Strain	Beemer NE	Cotesfield NE	Goehner NE	Palmyra Ont	St. Hyacinthe Que.	Aurora SD
M98-227065 (I)	17.2	17.9		16.2	18.9	19.9
IA1008 (SCN)	17.7	18.6		16.3	20.3	19.9
Lambert (0)	17.1	15.2		15.0	17.7	16.6
IA1021	16.9	16.6		14.9	17.3	19.6
IA2073	17.2	16.4		14.0	16.8	18.8
A04-542034	18.7	13.8		13.1	15.5	15.1
A05-111004	15.2	17.5		15.4	16.6	17.6
A05-111019	17.8	16.5		15.7	18.0	17.4
A05-112017	16.5	17.9		16.6	16.6	18.6
A05-112034	17.0	18.2		17.8	18.9	20.9
A05-112036	17.7	17.8		14.9	17.2	17.0
A05-112037	17.8	17.6		17.1	17.7	17.8
A05-114010	16.7	18.2		16.4	17.1	18.4
A05-114019	15.8	17.3		14.7	16.7	17.1
A05-211010	19.5	14.6		15.6	14.9	14.8
LD03- 5340	17.4	18.6		13.6	18.2	20.8
M99-255012	19.0	19.5		17.8	21.0	20.1
M00-336023	18.0	16.9		16.0	18.5	20.4
M00-378032	17.1	17.2		15.1	18.2	19.2
M00-500071	17.4	20.1		17.9	21.8	21.7
M00-537061	17.8	17.7		16.2	19.2	20.0
OAC 04-46	17.3	15.1		15.1	17.8	16.6
OAC 04-54	18.5	17.3		17.3	18.1	20.3
SD03-887	19.1	17.5		16.3	18.2	19.5
SD03-1221	18.7	17.8		15.2	16.9	19.9
SD03-1228	18.2	16.3		14.9	17.5	19.4
SD03-1236	17.3	17.8		17.1	18.7	18.3
SD03-1254	15.9	16.5		15.5	18.1	18.4
SD03-1594	18.6	17.3		15.9	19.6	19.7
SD03-1603	17.5	17.8		17.4	20.2	20.2
SD03-1607	17.9	16.4		15.3	19.2	18.8
SD03-1628	19.1	20.4		18.0	21.7	22.3
SD03-1633	18.8	17.5		16.6	19.5	19.9
SD03-1662	15.7	14.2		13.6	14.7	17.2
SD03-1865	17.2	17.9		17.2	18.0	18.3
SD03-1869	16.7	14.4		13.2	14.6	15.3
SD03-1881	17.4	15.3		14.9	17.8	18.9
SD03-1899	17.2	16.4		16.1	17.2	17.8
U03-100612	18.3	16.3		15.1	17.4	17.9
U03-200319	16.2	15.3		14.4	16.0	15.5

PRELIMINARY TEST I, 2006

SEED QUALITY (score)

Strain	Mean 7 Tests	Ames IA	Charles City IA	Lafayette IN	Ingham County MI	Lamberton MN	Waseca MN
M98-227065 (I)	1.7			2.5		1.3	1.3
IA1008 (SCN)	1.6			2.0		1.3	1.3
Lambert (0)	1.8			2.0		1.3	1.0
IA1021	1.7			1.5		1.3	1.3
IA2073	1.8			1.5		1.7	1.3
A04-542034	1.6			1.0		1.3	1.3
A05-111004	1.7			1.5		1.0	1.7
A05-111019	1.6			1.5		1.7	1.3
A05-112017	1.6			1.0		1.3	1.7
A05-112034	1.6			1.5		1.7	1.3
A05-112036	1.7			2.0		1.3	1.3
A05-112037	1.7			2.0		1.0	1.3
A05-114010	1.4			1.0		1.7	1.3
A05-114019	1.5			1.5		2.0	1.3
A05-211010	1.6			1.0		1.3	1.7
LD03- 5340	1.5			1.5		1.3	1.3
M99-255012	1.9			2.5		1.3	1.7
M00-336023	1.7			2.0		2.0	1.3
M00-378032	1.6			1.5		1.3	1.3
M00-500071	1.7			2.5		1.7	1.0
M00-537061	1.7			2.0		1.7	1.3
OAC 04-46	1.7			2.0		1.3	1.3
OAC 04-54	1.7			2.5		1.3	1.7
SD03-887	1.5			1.5		1.7	1.3
SD03-1221	1.6			2.0		1.7	1.3
SD03-1228	1.5			2.0		1.3	1.3
SD03-1236	1.6			2.0		1.3	1.3
SD03-1254	1.7			1.5		2.0	1.3
SD03-1594	1.6			1.5		1.7	1.7
SD03-1603	1.5			1.5		1.3	1.3
SD03-1607	1.6			2.0		1.7	1.3
SD03-1628	1.7			2.0		1.3	1.7
SD03-1633	2.0			3.0		1.7	2.0
SD03-1662	1.6			1.5		1.3	2.0
SD03-1865	2.0			2.0		2.3	2.3
SD03-1869	1.8			1.5		1.7	1.7
SD03-1881	1.7			2.0		1.3	1.3
SD03-1899	1.9			2.0		1.7	1.3
U03-100612	1.7			1.5		1.3	1.3
U03-200319	1.5			1.0		1.3	1.3

PRELIMINARY TEST I, 2006

SEED QUALITY (score)

Strain	Beemer NE	Cotesfield NE	Goehner NE	Palmyra Ont	St. Hyacinthe Que.	Aurora SD
M98-227065 (I)	2.0	1.0		2.0		2.0
IA1008 (SCN)	2.0	1.0		1.5		2.0
Lambert (0)	2.5	1.0		2.5		2.0
IA1021	2.0	2.0		1.5		2.0
IA2073	2.5	2.0		1.5		2.0
A04-542034	2.0	2.0		1.5		2.0
A05-111004	2.0	2.0		1.5		2.0
A05-111019	2.0	2.0		1.0		2.0
A05-112017	2.0	2.0		1.5		2.0
A05-112034	2.5	1.0		1.0		2.0
A05-112036	2.0	1.0		2.0		2.0
A05-112037	2.5	1.0		2.0		2.0
A05-114010	2.0	1.0		1.0		2.0
A05-114019	2.0	1.0		1.0		2.0
A05-211010	2.0	1.0		2.0		2.0
LD03- 5340	2.0	1.0		1.5		2.0
M99-255012	2.5	1.0		2.0		2.0
M00-336023	2.0	1.0		1.5		2.0
M00-378032	2.5	1.0		1.5		2.0
M00-500071	2.0	1.0		1.5		2.0
M00-537061	2.0	1.0		2.0		2.0
OAC 04-46	2.0	1.0		2.0		2.0
OAC 04-54	2.0	1.0		1.5		2.0
SD03-887	2.0	1.0		1.0		2.0
SD03-1221	2.0	1.0		1.0		2.0
SD03-1228	2.0	1.0		1.0		2.0
SD03-1236	2.0	1.0		1.5		2.0
SD03-1254	2.5	1.0		1.5		2.0
SD03-1594	2.0	1.0		1.0		2.0
SD03-1603	2.5	1.0		1.0		2.0
SD03-1607	2.0	1.0		1.5		2.0
SD03-1628	2.0	1.0		2.0		2.0
SD03-1633	2.5	1.0		1.5		2.0
SD03-1662	2.5	1.0		1.0		2.0
SD03-1865	2.5	1.0		1.0		3.0
SD03-1869	2.5	1.5		1.5		2.0
SD03-1881	2.5	2.0		1.0		2.0
SD03-1899	2.0	2.0		1.5		3.0
U03-100612	2.0	2.0		2.0		2.0
U03-200319	2.0	2.0		1.0		2.0

PRELIMINARY TEST I, 2006

PROTEIN (%)

Strain	Mean 6 Tests	Charles City IA	Lafayette IN	Lamberton MN	Waseca MN	Beemer NE	Aurora SD
M98-227065 (I)	35.9	36.3	36.3	35.5	34.0	37.1	36.1
IA1008 (SCN)	35.3	33.9	35.1	32.8	32.3	36.1	41.6
Lambert (0)	35.3	37.9	37.2	35.0	33.7	35.8	32.4
IA1021	34.9	34.4	35.6	34.4	34.3	36.6	33.9
IA2073	34.2	34.6	35.2	33.2	32.4	35.3	34.4
A04-542034	34.4	34.3	35.5	34.1	34.9	35.6	32.2
A05-111004	35.5	35.5	36.7	35.9	35.0	34.4	35.5
A05-111019	34.6	34.8	34.9	34.1	34.1	36.3	33.6
A05-112017	34.3	35.0	35.8	33.5	33.3	34.6	33.4
A05-112034	35.1	35.9	35.5	34.3	34.8	35.7	34.2
A05-112036	34.9	34.3	35.7	33.7	35.4	36.1	34.2
A05-112037	34.4	34.8	35.7	32.9	35.4	35.6	32.2
A05-114010	34.9	33.8	36.0	33.7	33.6	36.4	35.8
A05-114019	34.4	33.7	37.0	34.0	32.4	35.9	33.4
A05-211010	35.8	36.1	37.2	36.2	35.7	34.9	34.8
LD03- 5340	34.2	34.1	34.7	33.4	33.0	35.5	34.4
M99-255012	34.9	34.7	36.5	33.3	34.4	36.6	33.9
M00-336023	34.7	35.5	34.9	35.2	33.9	34.5	34.0
M00-378032	35.3	35.7	35.9	35.0	34.8	36.1	34.3
M00-500071	35.0	34.7	36.3	34.1	34.3	36.2	34.1
M00-537061	34.9	34.0	36.5	33.9	35.3	35.8	33.8
OAC 04-46	32.6	31.6	34.1	32.0	32.3	35.4	30.6
OAC 04-54	34.7	35.6	36.3	34.0	33.0	35.4	33.9
SD03-887	34.5	34.4	36.1	33.0	33.4	35.4	34.4
SD03-1221	33.7	34.7	34.2	31.2	32.2	36.6	33.3
SD03-1228	34.1	34.4	34.4	31.7	33.7	36.0	34.2
SD03-1236	34.3	34.1	35.1	33.8	34.2	35.8	33.0
SD03-1254	34.7	34.5	36.2	34.1	32.8	37.3	33.1
SD03-1594	34.4	33.2	35.0	33.1	34.8	35.5	35.0
SD03-1603	34.9	34.4	35.8	34.6	33.9	35.9	35.1
SD03-1607	34.1	34.6	35.2	33.1	33.4	34.7	33.9
SD03-1628	34.2	34.7	34.6	33.3	33.6	34.7	34.1
SD03-1633	32.6	32.0	31.9	32.2	30.8	35.6	32.9
SD03-1662	34.2	34.6	35.5	33.3	33.1	34.8	34.0
SD03-1865	34.0	35.0	35.1	32.7	33.5	35.0	32.5
SD03-1869	33.0	33.5	33.9	32.5	32.4	34.9	31.1
SD03-1881	33.5	33.0	34.4	32.1	32.3	36.1	33.2
SD03-1899	33.7	34.8	34.3	32.9	32.6	34.7	32.7
U03-100612	32.8	33.7	34.3	32.0	30.2	34.3	32.4
U03-200319	33.2	32.9	33.8	32.4	33.2	35.6	31.5

* Protein and Oil values converted to 13% moisture basis.

PRELIMINARY TEST I, 2006

OIL (%)

Strain	Mean 6 Tests	Charles City IA	Lafayette IN	Lamberton MN	Waseca MN	Beemer NE	Aurora SD
M98-227065 (I)	17.2	17.0	17.8	16.7	17.5	16.8	17.3
IA1008 (SCN)	17.4	17.0	17.6	16.6	16.7	16.6	19.6
Lambert (0)	18.1	16.9	18.7	17.5	18.2	17.2	20.4
IA1021	16.7	17.0	17.2	16.3	16.2	16.7	16.5
IA2073	16.5	16.4	16.4	16.3	16.3	17.5	16.2
A04-542034	17.7	17.9	18.8	17.2	16.5	17.4	18.3
A05-111004	17.0	17.9	18.2	16.1	16.0	17.4	16.7
A05-111019	17.6	17.8	19.9	17.1	16.7	16.8	17.4
A05-112017	16.2	16.3	16.2	15.8	15.3	17.4	16.2
A05-112034	16.8	16.7	17.6	16.2	16.1	17.4	17.0
A05-112036	16.8	16.7	17.1	16.4	15.9	17.9	16.9
A05-112037	17.2	16.9	17.5	16.9	15.7	18.5	17.9
A05-114010	15.9	16.3	17.0	15.1	15.4	16.2	15.2
A05-114019	16.6	16.9	16.2	15.7	16.4	17.3	17.0
A05-211010	15.9	15.6	15.6	15.3	15.0	17.3	16.4
LD03- 5340	16.8	16.7	18.0	16.4	16.2	17.2	16.3
M99-255012	17.2	17.2	17.9	17.3	16.3	17.5	17.0
M00-336023	17.8	17.3	19.4	17.4	18.0	17.1	17.8
M00-378032	16.5	16.3	18.3	16.2	15.7	16.2	16.2
M00-500071	17.2	17.5	17.7	16.9	16.6	17.3	17.3
M00-537061	17.3	17.7	18.1	17.3	16.4	17.1	17.3
OAC 04-46	18.0	18.2	18.6	17.4	17.2	18.0	18.3
OAC 04-54	17.4	16.7	18.4	17.2	17.3	17.6	17.4
SD03-887	16.7	16.4	17.3	16.6	16.3	17.1	16.3
SD03-1221	17.9	17.7	19.6	18.5	17.6	16.3	17.5
SD03-1228	17.9	17.4	19.8	18.4	17.1	17.8	16.7
SD03-1236	17.8	18.3	19.3	17.7	16.7	17.1	17.8
SD03-1254	17.3	17.8	19.0	16.8	16.8	15.6	18.0
SD03-1594	16.7	17.2	16.7	16.6	16.2	17.4	15.9
SD03-1603	16.2	16.5	16.6	16.0	15.7	16.5	16.0
SD03-1607	17.5	17.1	18.5	17.0	17.0	17.7	17.4
SD03-1628	16.9	16.4	18.0	16.8	16.5	17.5	16.3
SD03-1633	17.5	17.6	19.7	17.2	17.0	17.2	16.3
SD03-1662	17.5	17.0	18.4	17.6	17.3	17.9	17.0
SD03-1865	16.5	16.4	17.5	16.5	15.9	16.4	16.6
SD03-1869	17.0	16.9	17.4	16.3	15.9	18.1	17.3
SD03-1881	17.4	17.4	19.0	17.0	16.6	17.4	16.8
SD03-1899	17.0	16.1	18.1	16.6	16.8	17.4	16.8
U03-100612	17.2	17.5	18.4	17.4	14.1	17.9	18.1
U03-200319	17.4	17.8	19.0	16.8	16.2	17.6	17.2

Uniform Test II, 2006

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	IA2068 (II) (SCN)	AgriPro P1953 x LN94-10470	4	F5	SCN
2.	IA1021	NE1900 x Pioneer XB28V99	UTI		
3.	IA2065		3		2% linolenic
4.	A04-543012	Land O'Lakes 97-37364 x Syngenta S20-F8	PTII	F4	Rps1-k, Rps1-c
5.	A04-543043	Pioneer 92B12 x A00-711042	PTI	F5	SCN, Rps1-k
6.	A04-544033	Pioneer XB29D01 x A00-711025	PTI	F4	
7.	A04-545020	Pioneer XB29D01 x A00-711025	PTII	F4	
8.	A04-643042	IA2061 x Pioneer 93B86	PTII	F5	Rps1-k
9.	AR04-874013	P9233 X A95-682026	SCN UTII	F4	BSR
10.	HF03-534	A95-581028 x PI 592.926	PTII	F5	
11.	LD01-7323	LN95-5454 x Dwight	05 SCN II	F5	SCN
12.	LD01-9035	LN94-480-97 x Dwight	05 SCN II	F5	SCN
13.	LD02-4485	M90-184111 x IA3010	05 SCN II	F5	SCN
14.	LD02-5025	IA3014 x Dwight	PTII	F5	SCN
15.	SD00-732	E93433 x M911416	1	F5	
16.	SD00-1587	SD93-1040 x E93424	1	F5	
17.	SD02-22	A2242 x IA2022	PTII	F4	
18.	SD02-26	A2242 x IA2022	PTII	F4	
19.	SD02-96	A96-691030 x A96-591076	PTII	F4	
20.	SD02-195	E94172 x SD94-808	PTII	F4	
21.	U01-390489	IA1008 x NE3001	1	F5	Det. SCN
22.	U01-390504	NE3001 x A97-770012	1	F5	
23.	U01-390511	NE3001 x A97-770012	1	F5	
24.	U01-390794	NE1900 x Pioneer 93B82	1	F5	Det. Rps1-k ?
25.	U02-242055	NE1900 x Pioneer 93B82	PTII	F4	Rps1-k ?

UNIFORM TEST II, 2006

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Fe Chlorosis		Shattering		PR		PS	FE	SDS
		Score		Score		Lafayette		Lafayette		Paris
		Humboldt	Granite Falls	Manhattan	Harow	Race	Race	a	a	IL
		IA	MN	KS	Ont.	4	7	%	rx.	DX
IA2068 (II) (SCN)	WGBSYYI	3.5	4.3	1.0	1.0	S*	S*	23	S	0.2
IA1021	PLtBDYYI	3.8	4.4	1.0	1.0	S	S	13	S	6.2
IA2065	PTBDYBII	4.5	4.3	1.0	1.0	R*	R*	1	S	0.7
A04-543012	PG+TBDYYI	3.6	3.3	1.0	1.0	S	R*	31	S	0.7
A04-543043	PTBSYYI	3.6	4.0	1.0	1.0	R*	R*	17	-	1.5
A04-544033	WP+GSDYYI	4.5	4.4	2.0	1.0	S	R*	2	S	0.6
A04-545020	PTTIYYI	4.4	4.4	1.0	1.0	S	S	8	S	0.6
A04-643042	WGBDYYI	4.3	4.3	1.0	1.0	R*	R*	24	S	0.4
AR04-874013	WTBDYBI+BrI	4.3	4.3	1.0	1.0	S	S	11	S	7.6
HF03-534	PGTDYBf+IbI	4.4	4.5	1.0	1.0	S	S	17	-	3.0
LD01-7323	PGTDYYI	4.1	4.6	1.0	1.0	S	S	15	S	0.9
LD01-9035	PTBDYBr+YI	3.8	4.4	1.0	1.0	S	S	13	S	0.4
LD02-4485	PGBDYLbfl	3.6	4.5	1.0	1.0	S	H*	14	S	1.1
LD02-5025	WTTDYBII	3.8	4.1	1.0	1.0	S	R*	13	S	0.2
SD00-732	PGBDYLbfl	4.0	4.5	1.0	1.0	S	S	16	-	1.9
SD00-1587	PGBDYIbI	4.4	4.6	1.0	1.0	S	S	33	S	3.1
SD02-22	WLtTDYBL+GI	4.8	4.6	2.0	1.0	R	R	12	S	0.6
SD02-26	PGBIYBII	4.3	4.8	1.0	1.0	H*	H*	4	S	0.2
SD02-96	PTBDYBII	4.5	4.5	1.0	1.0	S	S	3	S	0.5
SD02-195	WGBDYLbfl	3.5	4.3	1.0	1.0	R*	R*	11	S	2.5
U01-390489	WGSDDYYS	4.0	4.4	1.0	1.0	S	R*	11	S	1.3
U01-390504	PGBDYYI	3.5	4.3	1.0	1.0	S	S	12	S	11.7
U01-390511	WGBDYYI	3.5	4.5	1.0	1.0	S	S	10	S	8.7
U01-390794	PGBDYLG+YI	3.5	4.5	1.0	1.0	S	S	8	S	3.2
U02-242055	WTBDYGrI	3.9	4.6	1.0	1.0	R*	R*	10	S	4.1

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

PS: % seed discolored

FE: S = susceptible, - = lesions not detected, x = no data

UNIFORM TEST II, 2006

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	16 bu/a	16 No.	16 Date	17 Score	16 In.	17 g/100	12 Score	Protein 7 %	Oil 7 %
IA2068 (II) (SCN)	62.8	4	9/22	2.2	35	13.7	1.7	32.5	17.5
IA1021	58.6	21	-5.2	2.2	32	16.7	1.7	35.3	17.1
IA2065	63.9	1	0.3	2.0	33	15.1	1.7	33.8	19.0
A04-543012	62.5	7	-0.2	2.3	39	15.4	1.8	34.5	17.6
A04-543043	62.6	5	1.5	2.3	40	15.1	1.8	35.7	16.2
A04-544033	60.2	15	-0.3	2.0	34	15.7	1.7	35.7	16.4
A04-545020	63.4	2	0.7	2.0	34	15.7	1.7	35.0	17.0
A04-643042	62.1	8	1.5	2.0	39	17.0	1.7	34.8	17.6
AR04-874013	61.9	9	1.0	2.1	35	14.7	1.6	35.3	17.0
HF03-534	61.5	10	1.8	1.8	34	13.8	1.6	34.4	17.1
LD01-7323	61.0	14	4.1	2.0	33	14.9	1.7	34.9	16.6
LD01-9035	61.5	10	3.6	2.0	35	13.7	1.8	35.6	16.2
LD02-4485	60.1	16	1.7	2.1	35	14.1	1.7	32.5	17.4
LD02-5025	59.6	18	3.6	2.0	34	13.5	1.7	34.0	16.7
SD00-732	57.9	23	-1.2	1.4	30	16.8	1.7	36.3	16.6
SD00-1587	55.1	25	-1.8	1.9	36	16.7	1.9	35.0	17.5
SD02-22	59.9	17	-1.9	1.6	33	13.8	1.8	34.9	16.5
SD02-26	58.1	22	-0.3	2.0	38	14.9	1.7	34.5	16.8
SD02-96	58.8	20	-4.0	1.5	32	15.7	1.6	35.1	17.4
SD02-195	55.5	24	-3.5	1.7	34	16.4	1.7	34.1	18.3
U01-390489	62.6	5	2.7	1.9	34	16.7	1.8	33.9	17.4
U01-390504	59.0	19	3.2	2.0	39	15.5	1.9	35.9	16.3
U01-390511	61.3	12	2.7	1.9	39	16.5	1.5	34.7	17.2
U01-390794	61.3	12	0.4	2.4	35	16.2	1.6	34.7	17.8
U02-242055	63.1	3	-0.5	1.9	35	16.0	1.9	35.0	17.6

125.7 Days After Planting

UNIFORM TEST II, 2006

2005-2006 2-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	35 bu/a	35 No.	34 Date	36 Score	32 In.	37 g/100	24 Score	16 %	16 %
IA2068 (II) (SCN)	62.1	3	9/17	2.0	34	13.6	1.8	32.3	18.1
IA2065	63.2	1	-0.1	1.8	32	15.0	1.6	34.0	19.4
SD00-732	57.8	7	-1.8	1.4	29	16.5	1.7	36.2	16.9
SD00-1587	56.1	8	-2.4	1.9	35	16.6	1.9	34.9	18.0
U01-390489	62.9	2	2.2	1.7	32	17.1	2.0	33.6	18.2
U01-390504	59.6	6	2.9	1.9	39	15.7	1.8	36.2	16.6
U01-390511	61.6	4	2.5	1.7	38	16.4	1.5	34.7	17.8
U01-390794	60.9	5	-0.7	2.2	35	16.0	1.5	34.6	18.2

123.3 Days After Planting

UNIFORM TEST II, 2006

YIELD (bu/a)

Strain	Mean 16	Ames IA	Ripley IA	Dekalb IL	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Lanawee County MI	Lamberton MN
IA2068 (II) (SCN)	62.8		53.6	54.7	66.3	74.3	54.2	59.9	77.2	64.7
IA1021	58.6		41.7	49.1	61.3	59.4	51.8	50.1	75.2	71.2
IA2065	63.9		42.7	50.4	66.0	66.1	51.2	59.0	83.1	67.8
A04-543012	62.5		42.3	54.9	63.1	66.0	53.8	60.0	78.3	66.2
A04-543043	62.6		44.6	58.6	65.5	69.0	56.8	57.0	70.5	64.7
A04-544033	60.2		47.9	52.5	68.7	70.6	50.9	55.4	72.6	60.8
A04-545020	63.4		43.4	56.1	69.7	72.5	58.5	61.5	79.0	66.7
A04-643042	62.1		46.4	56.6	67.3	66.3	53.9	56.3	72.6	65.4
AR04-874013	61.9		44.0	51.6	61.2	67.2	61.5	60.7	79.2	70.5
HF03-534	61.5		47.6	54.8	63.6	73.5	53.9	59.9	77.4	59.8
LD01-7323	61.0		36.7	58.4	69.7	79.0	62.5	51.4	79.8	53.7
LD01-9035	61.5		44.7	53.6	58.5	74.6	59.4	59.3	76.8	60.8
LD02-4485	60.1		46.8	59.5	64.7	67.8	53.6	55.7	76.7	29.8
LD02-5025	59.6		40.1	55.6	65.7	69.0	60.2	59.3	74.0	56.2
SD00-732	57.9		50.1	53.6	61.9	61.8	54.3	52.1	68.6	69.7
SD00-1587	55.1		42.6	54.1	58.8	59.8	55.0	43.3	63.7	57.1
SD02-22	59.9		40.6	55.2	62.1	64.9	46.2	49.9	73.8	65.0
SD02-26	58.1		48.3	48.7	63.9	57.6	47.5	49.1	69.6	54.7
SD02-96	58.8		49.2	53.8	56.6	65.1	56.6	47.1	63.4	69.0
SD02-195	55.5		42.3	47.3	56.9	52.9	44.9	52.2	64.8	61.6
U01-390489	62.6		39.5	60.0	64.0	73.4	53.4	62.6	76.9	51.2
U01-390504	59.0		39.8	51.8	62.9	61.1	54.2	53.7	75.0	54.7
U01-390511	61.3		46.0	53.7	67.4	64.7	51.9	60.3	70.5	55.7
U01-390794	61.3		46.9	53.9	67.3	67.7	54.1	52.5	72.6	63.4
U02-242055	63.1		52.9	49.5	71.0	65.6	54.2	53.8	72.2	62.6
C.V. (%)			10.3	6.0	4.5	5.2	5.9	10.7	7.2	12.4
L.S.D. (5%)			9.5	4.4	4.0	5.7	5.2	10.1	9.1	12.4
Row Sp. (In.)		27	27	30	30	26	30	15	15	10
Rows/Plot		4	4	4	4	4	4	6	6	8
Reps		2	2	3	3	3	3	2	2	3

*Data not included in mean.

UNIFORM TEST II, 2006

YIELD (bu/a)

Strain	Waseca MN	Beemer NE	Cotesfield* NE	Goehner NE	Hoytville Oh	Wooster OH	Chatham Ont.	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	55.9	69.3	55.0	80.8	70.3	47.0	65.2	69.0	42.8
IA1021	63.7	58.8	77.9	64.8	62.7	46.1	61.4	75.3	45.6
IA2065	65.7	67.0	80.6	81.2	75.9	53.5	71.2	79.4	41.7
A04-543012	59.1	60.5	67.6	84.0	73.5	49.0	69.9	76.6	43.6
A04-543043	59.8	60.4	64.1	73.4	76.9	53.7	62.5	84.3	44.4
A04-544033	59.5	55.4	72.9	71.8	64.0	45.7	64.5	80.3	43.0
A04-545020	55.9	59.1	90.0	80.6	79.0	49.8	62.5	73.9	45.4
A04-643042	56.2	64.1	71.0	79.1	70.6	53.8	63.9	80.8	41.0
AR04-874013	58.6	59.3	70.2	77.5	72.2	49.1	62.5	70.8	43.9
HF03-534	63.4	55.3	80.3	85.2	66.1	45.8	62.4	71.4	44.0
LD01-7323	54.7	61.9	54.2	78.5	63.9	39.3	64.4	81.1	41.0
LD01-9035	58.5	56.8	64.3	78.6	67.0	49.1	62.4	78.8	45.1
LD02-4485	62.0	62.1	74.5	80.7	70.4	38.5	68.8	82.6	41.9
LD02-5025	50.8	62.0	79.7	79.4	62.5	49.3	54.7	77.0	38.5
SD00-732	57.3	56.0	85.1	65.2	63.4	46.7	51.5	68.7	46.1
SD00-1587	62.0	46.1	54.2	65.7	58.5	45.3	58.8	80.3	31.1
SD02-22	65.4	64.6	70.8	72.3	64.2	46.0	66.2	77.6	44.4
SD02-26	65.7	61.7	80.2	69.8	68.2	53.5	63.3	68.1	39.5
SD02-96	65.9	61.0	90.8	75.0	64.7	42.5	66.8	68.6	35.6
SD02-195	56.9	47.2	75.1	79.8	57.5	50.5	63.8	70.7	39.0
U01-390489	61.0	62.5	76.6	78.0	74.7	51.4	66.7	78.1	48.8
U01-390504	50.1	62.8	54.2	79.8	72.2	51.4	57.7	74.3	41.9
U01-390511	61.1	63.7	83.6	81.7	71.2	49.7	63.8	80.7	39.1
U01-390794	56.8	64.1	88.2	75.7	63.8	49.0	68.5	75.5	48.3
U02-242055	54.1	64.3	58.8	84.0	75.5	47.7	72.6	85.8	44.3
C.V. (%)	9.2	7.3	11.6	6.6	11.6	11.9	7.5	6.5	8.4
L.S.D. (5%)	8.9	10.8	22.9	13.0	13.0	9.4	6.6	6.8	5.7
Row Sp. (In.)	10	30	30	30	7.5	7.5	17	18	30
Rows/Plot	8	4	4	4	8	8	5	5	4
Reps	3	2	2	2	3	3	3	2	3

UNIFORM TEST II, 2006

YIELD RANK

Strain	Yield Rank	Ames IA	Ripley IA	Dekalb IL	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Lanawee County MI	Lamberton MN
IA2068 (II) (SCN)	4		1	11	8	3	10	6	7	10
IA1021	21		20	23	20	23	20	21	11	1
IA2065	1		16	21	9	14	21	10	1	5
A04-543012	7		18	9	16	15	16	5	5	7
A04-543043	5		13	3	11	8	6	11	19	10
A04-544033	15		6	18	4	7	22	14	15	15
A04-545020	2		15	6	2	6	5	2	4	6
A04-643042	8		10	5	6	13	14	12	16	8
AR04-874013	9		14	20	21	12	2	3	3	2
HF03-534	10		7	10	15	4	15	7	6	17
LD01-7323	14		25	4	3	1	1	20	2	23
LD01-9035	10		12	17	23	2	4	8	9	15
LD02-4485	16		9	2	12	10	17	13	10	25
LD02-5025	18		22	7	10	9	3	9	13	19
SD00-732	23		3	16	19	20	9	19	22	3
SD00-1587	25		17	12	22	22	8	25	24	18
SD02-22	17		21	8	18	18	24	22	14	9
SD02-26	22		5	24	14	24	23	23	21	21
SD02-96	20		4	14	25	17	7	24	25	4
SD02-195	24		18	25	24	25	25	18	23	14
U01-390489	5		24	1	13	5	18	1	8	24
U01-390504	19		23	19	17	21	10	16	12	21
U01-390511	12		11	15	5	19	19	4	20	20
U01-390794	12		8	13	7	11	13	17	17	12
U02-242055	3		2	22	1	16	10	15	18	13

UNIFORM TEST II, 2006

YIELD RANK

Strain	Waseca MN	Beemer NE	Cotesfield NE	Goehner NE	Hoytville Oh	Wooster OH	Chatham Ont.	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	20	1	22	6	12	16	9	22	
IA1021	5	19	10	25	22	18	21	16	
IA2065	2	2	6	5	3	3	2	9	
A04-543012	13	15	18	3	6	14	3	14	
A04-543043	11	16	20	19	2	2	16	2	
A04-544033	12	22	14	21	18	21	10	7	
A04-545020	20	18	2	8	1	8	17	18	
A04-643042	19	5	15	12	10	1	12	5	
AR04-874013	14	17	17	16	7	12	18	20	
HF03-534	6	23	7	1	15	20	19	19	
LD01-7323	22	12	24	14	19	24	11	4	
LD01-9035	15	20	19	13	14	11	20	10	
LD02-4485	7	10	13	7	11	25	4	3	
LD02-5025	24	11	9	11	23	10	24	13	
SD00-732	16	21	4	24	21	17	25	23	
SD00-1587	7	25	24	23	24	22	22	8	
SD02-22	4	3	16	20	17	19	8	12	
SD02-26	2	13	8	22	13	4	15	25	
SD02-96	1	14	1	18	16	23	6	24	
SD02-195	17	24	12	10	25	7	13	21	
U01-390489	10	9	11	15	5	6	7	11	
U01-390504	25	8	24	10	8	5	23	17	
U01-390511	9	7	5	4	9	9	14	6	
U01-390794	18	5	3	17	20	13	5	15	
U02-242055	23	4	21	3	4	15	1	1	

UNIFORM TEST II, 2006

MATURITY (date)

Strain	Mean 16 Tests	Ames IA	Ripley IA	Dekalb IL	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Lanawee County MI	Lamberton MN
IA2068 (II) (SCN)	9/22	9/12		9/27	9/14	9/13	9/24	10/1	9/23	9/30
IA1021	-5.2	-5		-9	-5	-6	-4	-7	-8	-4
IA2065	0.3	7		-3	1	3	0	0	-2	0
A04-543012	-0.2	7		-3	3	0	-2	-4	3	-1
A04-543043	1.5	5		0	3	4	3	-1	1	3
A04-544033	-0.3	3		-4	1	0	-1	0	-2	2
A04-545020	0.7	5		-3	1	3	3	-2	-3	3
A04-643042	1.5	7		0	3	2	-1	-1	4	3
AR04-874013	1.0	5		-2	1	2	2	2	1	3
HF03-534	1.8	5		0	2	1	2	4	-1	4
LD01-7323	4.1	7		1	5	6	5	6	8	4
LD01-9035	3.6	7		2	4	7	6	4	6	4
LD02-4485	1.7	5		-1	3	2	0	0	3	3
LD02-5025	3.6	10		0	5	8	6	5	5	4
SD00-732	-1.2	6		-4	1	0	-1	-4	-5	1
SD00-1587	-1.8	4		-4	0	-2	-1	-6	-2	-2
SD02-22	-1.9	2		-5	-1	-2	-5	-6	-4	-1
SD02-26	-0.3	5		-4	1	-1	-3	1	-1	2
SD02-96	-4.0	-2		-7	-2	-6	-4	-8	-9	1
SD02-195	-3.5	3		-8	-5	-7	-6	-6	-3	-1
U01-390489	2.7	5		4	3	3	3	4	4	2
U01-390504	3.2	9		0	3	2	2	3	3	4
U01-390511	2.7	6		1	3	3	2	4	1	4
U01-390794	0.4	4		-2	1	1	1	-2	1	2
U02-242055	-0.5	5		-4	2	1	-1	-4	-3	2
Date Planted	5/19	5/6	5/11	6/1	5/20	5/9	5/28	6/5	5/9	5/10
Days to Mature	126	129		118	117	127	119	118	137	143

UNIFORM TEST II, 2006

MATURITY (date)

Strain	Waseca MN	Beemer NE	Cotesfield NE	Goehner NE	Hoytville Oh	Wooster OH	Chatham Ont.	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	10/1		9/19	9/12	9/20	9/12	9/30	9/30	9/28
IA1021	-3		-2	-5	-11	-2	-7	-1	-4
IA2065	-1		-1	1	-2	-4	0	5	
A04-543012	1		0	5	-3	-8	-3	2	
A04-543043	1		-3	4	1	-6	1	8	
A04-544033	2		0	-2	-2	-3	0	2	0
A04-545020	1		-2	4	-0	0	0	2	0
A04-643042	1		0	5	-2	0	0	2	
AR04-874013	2		-1	3	-2	-3	0	3	0
HF03-534	3		-1	5	1	-4	1	5	
LD01-7323	3		-1	5	6	-3	3	6	
LD01-9035	0		0	5	3	-1	3	5	
LD02-4485	1		-1	5	2	1	-1	3	
LD02-5025	1		0	2	3	0	3	7	-1
SD00-732	-1		-1	-2	-4	-1	1	2	-6
SD00-1587	-3		1	-3	-4	-2	-1	2	-6
SD02-22	-2		0	1	-6	-2	-2	4	-1
SD02-26	0		0	2	-2	-2	0	1	-4
SD02-96	-3		0	-1	-11	-2	-7	0	
SD02-195	-2		0	0	-8	-1	-6	-2	
U01-390489	2		-3	5	-2	0	5	7	
U01-390504	3		3	6	1	1	3	5	
U01-390511	2		1	5	4	0	3	5	0
U01-390794	0		-1	-1	1	-1	0	3	0
U02-242055	0		-3	1	-3	-1	0	3	-4
Date Planted	5/30	5/20	6/12	5/26	5/9	5/4	5/6	6/2	5/20
Days to Mature	124		99	109	134	131	147	120	131

UNIFORM TEST II, 2006

LODGING (score)

Strain	Mean 17 Tests	Ames IA	Ripley IA	Dekalb IL	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Lanawee County MI	Lamberton MN
IA2068 (II) (SCN)	2.2	2.5	3.5	2.2	2.2	2.0	1.0	2.5	3.0	3.3
IA1021	2.2	3.3	2.5	1.8	2.8	1.7	1.2	2.0	2.0	3.0
IA2065	2.0	3.0	2.8	1.7	2.7	1.0	1.0	2.5	1.5	3.0
A04-543012	2.3	2.5	2.8	2.3	3.0	1.8	1.0	3.0	3.0	3.3
A04-543043	2.3	2.8	3.3	2.3	3.2	1.7	1.5	3.0	3.0	3.0
A04-544033	2.0	2.5	3.3	1.8	2.2	1.3	1.0	2.5	2.0	2.7
A04-545020	2.0	2.5	2.8	1.8	2.2	1.3	1.3	2.5	1.5	3.0
A04-643042	2.0	2.3	2.5	2.2	2.5	1.2	1.0	2.0	3.0	3.0
AR04-874013	2.1	2.5	1.8	1.8	3.0	1.0	1.2	2.5	3.0	3.0
HF03-534	1.8	2.5	2.8	1.8	2.2	1.0	1.0	2.0	1.0	3.0
LD01-7323	2.0	2.3	2.5	1.8	2.2	1.0	1.2	2.0	3.0	3.0
LD01-9035	2.0	2.5	3.3	2.0	2.2	1.2	1.3	2.0	3.0	3.0
LD02-4485	2.1	2.5	3.0	2.2	2.5	1.3	1.0	2.0	3.0	3.0
LD02-5025	2.0	2.8	2.8	1.7	1.7	1.0	1.0	2.5	3.0	3.3
SD00-732	1.4	2.0	1.5	1.3	1.2	1.0	1.0	1.0	1.0	2.7
SD00-1587	1.9	3.0	2.5	2.3	2.7	1.3	1.2	1.0	2.0	2.3
SD02-22	1.6	2.3	2.0	2.0	2.0	1.0	1.0	1.0	1.0	2.7
SD02-26	2.0	2.5	3.0	1.5	2.5	1.3	1.0	2.0	2.0	3.0
SD02-96	1.5	1.8	2.0	1.2	1.7	1.0	1.0	1.0	1.0	2.7
SD02-195	1.7	2.5	2.0	1.3	2.3	1.5	1.0	1.0	1.0	3.0
U01-390489	1.9	2.0	1.8	2.0	2.5	1.0	1.0	2.0	2.0	3.0
U01-390504	2.0	2.3	2.8	1.7	2.3	1.0	1.3	1.5	3.0	3.0
U01-390511	1.9	2.3	2.8	1.8	2.5	1.0	1.3	2.0	2.0	3.0
U01-390794	2.4	2.8	3.3	2.7	3.5	2.0	1.7	2.0	2.5	3.7
U02-242055	1.9	2.5	2.5	1.3	2.3	1.2	1.0	1.5	2.0	3.0

UNIFORM TEST II, 2006

LODGING (score)

Strain	Waseca MN	Beemer NE	Cotesfield NE	Goehner NE	Hoytville Oh	Wooster OH	Chatham Ont.	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	3.3		4.5	1.5	1.2	1.2	1.0	2.0	1.0
IA1021	3.3		4.0	2.5	1.1	1.2	1.0	2.3	1.0
IA2065	3.0		3.5	2.0	1.0	1.2	1.0	1.7	1.0
A04-543012	3.0		3.5	2.0	1.2	1.2	1.7	2.0	1.0
A04-543043	3.0		3.5	2.0	1.5	1.2	1.3	2.0	1.0
A04-544033	3.7		3.0	2.0	1.1	1.2	1.0	1.3	1.0
A04-545020	3.0		3.5	2.0	1.1	1.2	1.0	1.7	1.0
A04-643042	3.0		3.0	2.0	1.2	1.2	1.0	1.7	1.0
AR04-874013	3.7		3.5	2.0	1.1	1.2	1.3	1.7	1.0
HF03-534	3.3		3.0	2.0	1.0	1.2	1.0	1.3	1.0
LD01-7323	3.3		4.0	2.0	1.1	1.2	1.3	1.3	1.0
LD01-9035	2.7		3.0	2.0	1.3	1.3	1.0	1.3	1.0
LD02-4485	3.0		4.0	2.0	1.1	1.3	1.0	1.7	1.0
LD02-5025	3.3		3.0	2.0	1.2	1.3	1.3	1.3	1.0
SD00-732	2.7		3.0	1.0	1.0	1.2	1.0	1.0	1.0
SD00-1587	3.0		3.5	1.0	1.0	1.2	1.0	1.7	1.0
SD02-22	3.0		3.0	1.5	1.0	1.2	1.0	1.3	1.0
SD02-26	3.3		3.5	1.5	1.2	1.2	1.0	2.0	1.0
SD02-96	2.0		3.0	1.5	1.0	1.2	1.0	1.0	1.0
SD02-195	3.0		3.0	1.5	1.2	1.2	1.0	1.7	1.0
U01-390489	3.0		3.5	2.0	1.1	1.2	1.3	1.7	1.0
U01-390504	3.0		4.0	2.5	1.2	1.2	1.0	1.7	1.0
U01-390511	3.0		3.0	1.5	1.1	1.2	1.0	1.0	1.0
U01-390794	3.3		3.0	3.0	1.1	1.2	1.0	2.3	1.0
U02-242055	3.0		4.0	2.0	1.1	1.2	1.3	1.7	1.0

UNIFORM TEST II, 2006

PLANT HEIGHT (inches)

Strain	Mean 16 Tests	Ames IA	Ripley IA	Dekalb IL	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Lanawee County MI	Lamberton MN
IA2068 (II) (SCN)	35	34	35	35	37	34	35	30	38	38
IA1021	32	31	32	33	35	32	34	28	35	37
IA2065	33	33	33	30	36	34	32	27	35	38
A04-543012	39	37	42	39	45	40	40	38	41	37
A04-543043	40	43	43	41	44	41	41	34	43	42
A04-544033	34	34	34	36	36	32	33	30	35	38
A04-545020	34	36	31	33	39	37	36	32	37	37
A04-643042	39	39	39	40	46	40	40	34	38	41
AR04-874013	35	34	30	34	41	37	36	31	39	40
HF03-534	34	40	33	32	36	36	32	29	34	37
LD01-7323	33	32	33	33	40	36	33	28	35	36
LD01-9035	35	35	34	34	36	39	38	33	39	36
LD02-4485	35	36	36	34	40	36	35	33	35	31
LD02-5025	34	34	35	34	39	38	34	29	37	39
SD00-732	30	30	29	30	34	32	30	24	29	35
SD00-1587	36	39	37	38	42	41	39	24	38	35
SD02-22	33	32	31	33	37	35	34	28	37	36
SD02-26	38	37	40	36	41	39	38	31	40	42
SD02-96	32	32	31	32	34	34	33	27	30	34
SD02-195	34	37	35	34	38	36	32	27	31	39
U01-390489	34	35	30	37	39	37	30	35	31	33
U01-390504	39	43	38	37	42	41	42	32	43	38
U01-390511	39	38	39	38	45	42	39	33	42	39
U01-390794	35	32	37	34	37	37	34	27	40	38
U02-242055	35	37	35	34	40	38	34	27	38	38

UNIFORM TEST II, 2006

PLANT HEIGHT (inches)

Strain	Waseca MN	Beemer NE	Cotesfield NE	Goehner NE	Hoytville Oh	Wooster OH	Chatham Ont.	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	43			35	31	32	36	32	32
IA1021	43			31	26	30	30	32	28
IA2065	44			32	28	29	36	32	33
A04-543012	49			38	33	29	40	38	34
A04-543043	53			40	37	29	43	38	35
A04-544033	44			33	27	28	36	33	31
A04-545020	44			34	28	27	34	34	31
A04-643042	50			42	32	30	43	39	35
AR04-874013	47			34	29	31	36	35	31
HF03-534	43			35	28	33	33	32	32
LD01-7323	40			35	27	33	34	32	27
LD01-9035	45			30	31	35	39	35	29
LD02-4485	43			36	28	36	35	34	31
LD02-5025	44			33	29	34	32	33	27
SD00-732	42			28	23	32	25	31	32
SD00-1587	45			36	30	29	35	36	32
SD02-22	43			35	27	31	34	34	30
SD02-26	47			39	31	31	37	35	37
SD02-96	42			33	27	32	34	32	29
SD02-195	43			35	29	31	35	34	28
U01-390489	44			31	26	33	40	37	30
U01-390504	49			40	32	35	41	39	36
U01-390511	51			38	32	35	39	36	34
U01-390794	47			36	28	32	36	36	36
U02-242055	45			34	31	29	40	35	29

UNIFORM TEST II, 2006

SEED SIZE (g/100)

Strain	Mean 17 Tests	Ames IA	Ripley IA	Dekalb IL	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Lanawee County MI	Lamberton MN
IA2068 (II) (SCN)	13.7	13.4	13.6	12.6	14.1	14.1	13.0	14.1	14.2	13.6
IA1021	16.7	16.9	16.1	14.8	18.7	15.5	16.7	15.0	16.5	17.8
IA2065	15.1	14.9	15.1	13.7	16.0	14.3	14.2	15.0	15.4	14.6
A04-543012	15.4	14.8	15.1	15.7	17.3	14.1	15.2	15.1	16.7	14.8
A04-543043	15.1	14.7	14.7	14.4	16.3	15.2	15.3	15.0	15.9	15.7
A04-544033	15.7	15.4	15.7	13.8	17.7	15.5	14.9	14.7	17.8	15.0
A04-545020	15.7	15.6	16.2	15.6	17.1	14.4	15.0	15.8	15.6	15.1
A04-643042	17.0	15.9	16.4	16.4	18.3	17.1	16.3	17.8	19.1	16.9
AR04-874013	14.7	14.8	14.8	13.2	16.0	14.6	13.8	13.8	16.9	16.0
HF03-534	13.8	13.7	13.7	12.7	15.2	13.5	13.7	13.7	15.2	13.4
LD01-7323	14.9	15.0	14.1	15.0	16.3	15.1	14.7	15.3	16.8	14.7
LD01-9035	13.7	13.6	13.0	12.7	14.4	12.4	13.7	13.8	15.6	12.6
LD02-4485	14.1	14.0	14.0	13.7	16.3	12.5	13.0	13.6	15.9	15.0
LD02-5025	13.5	13.3	13.6	12.6	14.0	12.8	13.1	14.4	14.3	12.1
SD00-732	16.8	17.4	17.3	15.7	18.2	14.9	16.3	15.5	17.3	17.7
SD00-1587	16.7	17.4	16.6	16.1	18.9	16.8	16.3	14.9	17.3	17.6
SD02-22	13.8	13.9	14.1	13.2	15.2	12.2	13.6	13.4	13.8	13.4
SD02-26	14.9	16.4	15.1	13.7	17.1	13.2	14.1	13.4	15.8	15.0
SD02-96	15.7	15.6	15.8	15.2	17.6	15.1	16.7	15.3	15.5	16.9
SD02-195	16.4	17.4	16.7	14.5	18.3	14.8	16.2	15.0	15.9	16.7
U01-390489	16.7	18.0	17.4	17.1	18.4	16.2	16.7	16.9	17.1	17.0
U01-390504	15.5	15.4	14.5	15.0	16.7	15.4	15.6	16.3	17.8	15.0
U01-390511	16.5	16.0	15.6	15.2	17.6	16.3	15.1	16.8	17.9	15.6
U01-390794	16.2	16.9	15.3	15.1	18.0	15.8	15.9	15.0	17.1	16.3
U02-242055	16.0	15.6	15.6	15.0	18.1	15.5	16.1	15.1	17.2	15.9

UNIFORM TEST II, 2006

SEED SIZE (g/100)

Strain	Waseca MN	Beemer NE	Cotesfield NE	Goehner NE	Hoytville Oh	Wooster OH	Chatham Ont.	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	15.1	16.2	16.3		11.8	9.4	12.5	14.1	15.2
IA1021	18.3	17.7	18.7		15.0	11.8	16.0	18.7	19.1
IA2065	16.5	18.0	17.8		13.5	11.8	14.4	15.1	15.8
A04-543012	16.5	17.5	17.9		13.9	11.4	13.0	16.0	16.5
A04-543043	16.9	16.7	16.2		13.8	11.7	13.1	14.6	16.1
A04-544033	17.3	17.3	18.3		13.7	11.2	14.1	15.6	18.1
A04-545020	17.0	17.8	18.7		13.3	11.5	14.9	15.6	17.7
A04-643042	17.9	19.4	19.8		15.0	13.0	15.9	17.0	17.1
AR04-874013	16.0	15.3	16.7		13.6	10.6	12.9	14.1	16.8
HF03-534	14.5	13.9	16.1		13.2	10.5	12.3	13.9	15.5
LD01-7323	17.3	13.8	15.3		14.0	11.3	14.3	16.5	14.3
LD01-9035	14.5	15.0	17.5		12.0	10.7	12.7	15.0	13.2
LD02-4485	15.5	13.6	15.6		12.8	11.0	12.9	15.9	15.0
LD02-5025	13.8	15.9	15.8		12.2	10.3	11.3	14.4	14.8
SD00-732	19.2	19.0	20.3		14.0	11.0	14.3	17.0	20.1
SD00-1587	18.7	19.5	17.4		14.5	12.0	15.0	16.1	19.2
SD02-22	15.1	15.8	16.3		12.1	10.0	13.1	15.1	15.0
SD02-26	16.6	16.5	16.5		13.7	11.1	14.3	15.0	16.7
SD02-96	17.4	17.6	18.5		12.9	10.6	13.3	15.0	18.4
SD02-195	17.8	19.3	19.1		14.0	11.9	15.5	15.9	19.6
U01-390489	17.3	17.2	18.3		16.2	12.7	15.5	16.4	16.1
U01-390504	15.9	17.7	17.4		13.6	12.1	14.4	16.5	15.0
U01-390511	17.2	19.4	19.6		15.1	11.8	14.4	19.4	18.4
U01-390794	17.8	19.4	18.2		13.7	11.4	15.0	15.9	19.1
U02-242055	17.0	17.7	19.0		13.8	11.7	15.5	16.6	17.5

UNIFORM TEST II, 2006

SEED QUALITY (score)

Strain	Mean 12 Tests	Ames IA	Rippey IA	Dekalb IL	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Lanawee County MI	Lamberton MN
IA2068 (II) (SCN)	1.7			2.0	1.0	1.5				1.7
IA1021	1.7			2.0	2.0	1.0				1.0
IA2065	1.7			2.0	2.0	1.0				1.3
A04-543012	1.8			2.0	2.0	1.0				1.3
A04-543043	1.8			2.0	2.0	1.5				1.0
A04-544033	1.7			2.0	2.0	1.5				1.3
A04-545020	1.7			2.0	2.0	1.0				1.0
A04-643042	1.7			2.0	2.0	1.0				1.0
AR04-874013	1.6			2.0	2.0	1.0				1.7
HF03-534	1.6			2.0	2.0	1.0				1.3
LD01-7323	1.7			2.0	1.0	1.0				1.3
LD01-9035	1.8			2.0	2.0	1.5				1.3
LD02-4485	1.7			2.0	2.0	1.0				1.7
LD02-5025	1.7			2.0	2.0	1.0				1.3
SD00-732	1.7			2.0	2.0	1.5				1.3
SD00-1587	1.9			2.0	2.0	1.5				1.7
SD02-22	1.8			2.0	2.0	1.0				1.7
SD02-26	1.7			2.0	2.0	1.0				1.3
SD02-96	1.6			2.0	1.0	1.5				1.3
SD02-195	1.7			2.0	2.0	1.5				1.3
U01-390489	1.8			2.0	2.0	1.0				1.7
U01-390504	1.9			2.0	2.0	1.0				1.3
U01-390511	1.5			2.0	2.0	1.0				1.0
U01-390794	1.6			2.0	1.0	1.5				1.3
U02-242055	1.9			2.0	2.0	1.0				1.3

UNIFORM TEST II, 2006

SEED QUALITY (score)

Strain	Waseca MN	Beemer NE	Cotesfield NE	Goehner NE	Hoytville Oh	Wooster OH	Chatham Ont.	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	1.7	2.0	2.0		1.3	1.5	2.3	1.0	2.0
IA1021	1.3	2.0	1.5		1.6	1.3	2.7	1.0	3.0
IA2065	1.3	2.0	2.0		1.3	1.3	2.3	1.0	3.0
A04-543012	1.3	2.5	2.0		1.8	1.8	2.3	1.0	3.0
A04-543043	1.3	2.0	2.0		2.2	1.2	2.7	1.0	3.0
A04-544033	1.0	2.5	2.0		1.5	1.3	2.7	1.0	2.0
A04-545020	1.3	2.5	2.0		1.3	1.3	2.7	1.0	2.0
A04-643042	1.3	2.0	2.0		1.3	1.3	2.3	1.0	3.0
AR04-874013	1.3	2.0	1.5		1.4	1.3	2.3	1.0	2.0
HF03-534	1.3	2.0	2.0		1.3	1.3	2.0	1.0	2.0
LD01-7323	1.3	2.5	2.0		1.3	1.8	2.7	1.0	2.0
LD01-9035	1.3	2.0	2.0		1.8	1.3	2.7	1.0	3.0
LD02-4485	1.3	2.5	1.5		1.3	1.3	2.3	1.0	2.0
LD02-5025	1.7	2.0	1.5		1.3	1.7	3.0	1.0	2.0
SD00-732	1.3	2.0	1.5		1.4	1.2	2.0	1.0	3.0
SD00-1587	1.3	3.0	1.5		1.9	1.7	2.3	1.0	3.0
SD02-22	1.3	2.5	1.5		2.1	1.6	3.0	1.0	2.0
SD02-26	1.3	2.5	2.0		1.3	1.4	2.7	1.0	2.0
SD02-96	1.3	2.0	2.0		1.3	1.2	2.0	1.0	3.0
SD02-195	1.7	2.0	2.5		1.5	1.3	2.0	1.0	2.0
U01-390489	1.7	2.5	1.5		2.2	1.4	2.3	1.0	2.0
U01-390504	1.7	2.5	1.5		1.4	2.4	2.7	1.0	3.0
U01-390511	1.3	2.0	1.5		1.4	1.3	2.0	1.0	2.0
U01-390794	1.3	2.5	1.5		1.3	1.3	2.0	1.0	3.0
U02-242055	1.7	2.5	2.0		1.6	1.3	3.0	1.0	3.0

UNIFORM TEST II, 2006

PROTEIN (%)

Strain	Mean 7 Tests	Ripley IA	Lafayette IN	Wanatah IN	Waseca MN	Beemer NE	Wooster OH	Harrow ONT
IA2068 (II) (SCN)	32.5	35.2	32.0	31.4	32.3	33.5	29.7	33.1
IA1021	35.3	38.3	34.5	35.1	34.4	35.3	35.3	34.3
IA2065	33.8	36.3	34.7	33.6	33.5	34.7	29.9	33.9
A04-543012	34.5	36.7	33.2	34.2	33.5	35.1	34.9	34.2
A04-543043	35.7	37.6	36.5	35.9	35.0	37.0	33.4	34.9
A04-544033	35.7	38.3	35.4	35.1	34.7	36.4	34.9	35.3
A04-545020	35.0	36.6	34.6	34.8	34.1	35.9	33.8	35.1
A04-643042	34.8	37.3	34.7	34.4	34.9	36.1	32.2	33.9
AR04-874013	35.3	38.3	35.9	36.0	34.9	35.9	32.5	33.7
HF03-534	34.4	37.5	33.4	34.0	33.7	36.2	31.6	34.5
LD01-7323	34.9	37.4	36.0	35.0	35.3	34.2	31.3	35.4
LD01-9035	35.6	37.7	35.3	35.8	34.9	36.3	33.6	35.3
LD02-4485	32.5	34.0	31.5	31.8	31.7	35.7	30.2	32.5
LD02-5025	34.0	36.8	34.1	34.5	34.3	32.9	31.1	34.2
SD00-732	36.3	38.6	37.1	36.3	35.5	36.7	34.1	35.9
SD00-1587	35.0	37.7	34.7	34.9	34.7	36.8	31.8	34.4
SD02-22	34.9	37.4	35.6	34.7	34.6	34.3	33.3	34.6
SD02-26	34.5	36.8	34.5	34.2	33.5	35.9	32.1	34.2
SD02-96	35.1	37.2	35.5	35.6	35.1	35.2	33.0	34.3
SD02-195	34.1	36.4	33.8	32.8	34.0	35.8	33.2	32.5
U01-390489	33.9	36.4	34.5	34.8	32.2	34.3	32.2	32.8
U01-390504	35.9	37.4	36.5	36.7	35.4	37.3	32.2	35.8
U01-390511	34.7	36.6	35.1	34.9	33.7	35.7	32.5	34.4
U01-390794	34.7	36.5	35.1	34.9	33.4	35.9	32.9	34.4
U02-242055	35.0	36.3	35.2	34.6	34.7	35.9	33.3	35.0

* Protein and Oil values converted to 13% moisture basis.

UNIFORM TEST II, 2006

OIL (%)

Strain	Mean 7 Tests	Ripley IA	Lafayette IN	Wanatah IN	Waseca MN	Beemer NE	Wooster OH	Harrow ONT
IA2068 (II) (SCN)	17.5	16.2	18.2	17.9	15.9	17.1	18.5	18.7
IA1021	17.1	15.9	18.0	16.7	16.0	17.5	17.0	18.4
IA2065	19.0	17.6	18.6	19.4	17.2	18.5	21.1	20.4
A04-543012	17.6	15.8	18.8	17.6	16.2	17.1	18.4	19.3
A04-543043	16.2	14.9	16.1	16.0	15.4	15.8	17.5	17.7
A04-544033	16.4	15.2	17.0	16.5	15.6	16.4	16.4	17.7
A04-545020	17.0	16.2	17.2	17.3	15.7	16.8	17.9	17.8
A04-643042	17.6	16.1	17.7	18.3	15.7	17.4	18.7	19.3
AR04-874013	17.0	16.1	16.4	16.6	15.8	16.1	18.9	19.1
HF03-534	17.1	15.6	18.4	17.3	15.3	16.3	18.3	18.5
LD01-7323	16.6	14.9	16.4	16.6	15.4	16.7	18.4	17.7
LD01-9035	16.2	14.9	16.4	16.0	15.2	16.1	17.2	17.5
LD02-4485	17.4	16.3	18.1	17.7	16.1	16.9	17.8	19.1
LD02-5025	16.7	15.1	16.6	17.1	15.3	17.4	17.3	18.1
SD00-732	16.6	15.2	15.9	16.8	15.7	16.9	17.5	18.0
SD00-1587	17.5	15.8	16.8	17.6	16.7	17.0	19.4	19.1
SD02-22	16.5	14.8	17.6	16.3	15.7	16.6	16.6	17.8
SD02-26	16.8	15.3	17.2	17.1	16.1	16.5	17.5	18.3
SD02-96	17.4	15.9	16.9	17.6	16.2	17.1	18.8	19.2
SD02-195	18.3	16.5	19.5	18.6	16.8	17.5	18.6	20.3
U01-390489	17.4	16.5	17.8	16.7	16.6	17.3	18.0	19.2
U01-390504	16.3	15.5	16.3	15.9	15.2	15.8	17.9	17.6
U01-390511	17.2	16.2	18.0	16.4	16.2	16.7	18.2	18.9
U01-390794	17.8	16.9	17.8	17.8	17.3	17.6	18.5	18.9
U02-242055	17.6	16.6	18.1	18.3	16.3	17.0	18.1	18.9

Preliminary Test IIA, 2006

Ent.	Strain	Parentage	Gen. Comp.	Unique Traits
1.	IA2068 (II) (SCN)	AgriPro P1953 x LN94-10470	F5	SCN
2.	IA1021	NE1900 x Pioneer XB28V99		
3.	IA2065			2% linolenic
4.	IA2073	Pioneer 92B25 x A97-553017		1% linolenic
5.	A05-112001	AgriPro XC32Y06 x A00-711020	F4	SCN
6.	A05-212012	A01-410009 x Dairyland 99432	F4	
7.	A05-212016	A01-512036 x Pioneer 91B42	F4	SCN, Rps1-k?
8.	A05-212018	A01-512050 x Dairyland 99433	F4	
9.	A05-212019	A01-512050 x Dairyland 99433	F4	
10.	A05-212037	IA3023 x A00-711003	F4	SCN
11.	A05-212042	Soygenetics 96-05287 x A01-512030	F4	Rps1-k
12.	A05-213013	Thompson T-3211 x A15025B011	F4	1% linolenic
13.	A05-213020	Syngenta S10-F2 x A15025B011	F4	1% linolenic, Rps1-c
14.	A05-213034	Thompson T-3211 x A15025B011	F4	1% linolenic
15.	A05-311001	A01-612016 x A00-812031	F4	
16.	A05-311009	A01-512050 x Dairyland 99433	F4	
17.	A05-311016	A01-611037 x AgriPro XC31Y32	F4	
18.	A05-311040	Syngenta S30-Y8 x A01-511017	F4	Rps1-c, SCN
19.	A05-312029	A01-611037 x Thompson T-3221	F4	Rps1-k
20.	AR04-874024	P9233 x A95-682026	F4	BSR
21.	HS4-2906	Kottman x M92-191023	F5	
22.	HS4-2915	Kottman x M92-191023	F5	
23.	LG01-1646	LG96-1488 x LG97-7363	F3	
24.	LG03-2979	Rend x LG95-258	F6	
25.	LG03-3020	LG96-1711 x LG92-4208	F6	

PRELIMINARY TEST IIA, 2006

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Chlorosis	Green Stem	Shattering	PR		PS	FE
		Score Humboldt IA	Score Harrow ONT	Score Manhattan KS	Lafayette Race 4	Lafayette Race 7	Lafayette a %	Lafayette a rx.
IA2068 (II) (SCN)	WGBIYYI	3.5	1.0	1.0	S*	S*	23	S
IA1021	PLtBDYYI	3.8	1.0	1.0	S	S	13	S
IA2065	PTBDYBII	4.5	1.0	1.0	R*	R*	3	S
IA2073	WSBIYBII	3.8	1.0	1.0	S	R*	3	S
A05-112001	P+WBSYLbf+YI	4.3	1.0	1.0	R*	R*	16	S
A05-212012	WSBDYYI	4.5	1.0	1.0	S	S	4	-
A05-212016	P+WGBDYBf+YI	4.0	1.0	1.0	H*	H*	35	S
A05-212018	WLtTDYBr+YI	4.1	1.0	1.0	S	H*	10	S
A05-212019	PLtTDYYI	4.1	1.0	1.0	S	S	6	S
A05-212037	PGBDYLbf+YI	4.0	1.0	1.0	S	S	7	S
A05-212042	PGBDYYI	4.0	1.0	1.0	R	R	10	S
A05-213013	PLtDYBII	3.5	1.0	1.0	H*	H*	31	S
A05-213020	PTTDYBII	3.8	1.0	1.0	H*	R	2	S
A05-213034	WTSDYBrI	4.4	1.0	1.0	S	S	8	S
A05-311001	PGBDYYI	3.6	1.0	1.0	R*	R*	0	S
A05-311009	PLtTDYYI	4.5	1.0	1.0	S	S	7	S
A05-311016	PTBDYYI	3.4	1.0	1.0	S	S	7	S
A05-311040	PTBDYYI	4.5	1.0	1.0	H*	R	0	S
A05-312029	WGBDYYI	3.6	1.0	1.0	S*	S*	15	S
AR04-874024	PTTIYBII	4.5	1.0	1.0	S	S	5	-
HS4-2906	PLtBDYBII	4.8	1.0	1.0	H*	R*	11	S
HS4-2915	PLtBDYBII	4.4	1.0	1.0	H*	R*	13	S
LG01-1646	PTTSYBrI	4.8	1.0	1.0	S	S	2	S
LG03-2979	PGBDYIbI	4.1	1.0	1.0	S	S	1	S
LG03-3020	WTTDYBII	3.9	1.0	1.0	S	S	0	S

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

PS: % seed discolored

FE: S = susceptible, - = lesions not detected, x = no data

PRELIMINARY TEST IIA, 2006

REGIONAL SUMMARY

No. of Tests Strain	Yield 10 bu/a	Rank 10 No.	Maturity 9 Date	Lodging 10 Score	Plant Height 9 In.	Seed Size 10 g/100	Seed Quality 7 Score	<u>Composition</u>	
								Protein 5 %	Oil 5 %
IA2068 (II) (SCN)	62.5	10	9/19	2.1	32	14.0	1.7	33.8	17.6
IA1021	58.6	19	-6.2	2.3	31	17.0	1.8	35.6	17.0
IA2065	62.5	10	1.6	2.2	32	15.5	1.5	34.8	18.9
IA2073	58.2	21	-1.5	1.4	29	14.9	1.6	35.2	17.0
A05-112001	63.7	5	4.4	1.8	32	14.6	1.6	36.5	16.6
A05-212012	62.3	12	7.7	2.2	32	14.5	1.5	36.0	16.6
A05-212016	62.2	13	4.4	2.3	37	14.8	1.6	35.8	17.2
A05-212018	61.3	14	8.7	2.2	37	15.9	1.7	35.8	16.7
A05-212019	61.1	15	7.3	2.1	38	14.0	1.7	34.4	16.6
A05-212037	65.5	2	2.8	2.0	34	16.7	1.7	34.0	17.7
A05-212042	63.1	6	5.6	2.2	38	14.8	2.0	34.9	18.2
A05-213013	63.1	6	-0.2	1.7	32	16.6	1.6	35.7	17.2
A05-213020	62.6	9	2.8	1.6	34	16.5	1.6	35.9	17.2
A05-213034	64.9	3	2.8	1.6	30	14.8	1.7	35.9	17.1
A05-311001	65.8	1	5.3	2.2	34	17.4	1.5	35.5	17.2
A05-311009	59.6	17	8.9	2.2	39	14.5	1.8	34.8	16.6
A05-311016	57.7	22	9.9	2.4	39	15.9	1.7	37.6	16.0
A05-311040	57.1	23	8.6	1.9	37	14.0	1.8	35.2	16.4
A05-312029	64.7	4	8.1	2.4	35	15.0	1.7	33.1	17.5
AR04-874024	62.8	8	3.0	1.9	36	17.4	1.5	36.1	16.8
HS4-2906	55.6	24	0.4	1.8	34	15.6	1.8	35.2	17.4
HS4-2915	59.1	18	1.3	2.1	38	15.9	1.7	34.2	17.5
LG01-1646	54.0	25	2.9	2.5	36	16.9	1.5	35.5	17.1
LG03-2979	60.8	16	9.0	2.3	39	13.3	2.0	35.0	17.2
LG03-3020	58.4	20	10.1	2.1	36	14.4	1.9	35.1	16.2

119.8 Days After Planting

PRELIMINARY TEST IIA, 2006

YIELD (bu/a)

Strain	Mean 10 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II) (SCN)	62.5		53.6	63.1	60.3	59.0	66.8
IA1021	58.6		41.7	59.1	56.0	47.0	61.5
IA2065	62.5		42.7	60.2	62.8	51.3	64.8
IA2073	58.2		47.4	58.6	56.0	25.2	64.9
A05-112001	63.7		43.7	62.1	62.3	60.3	62.9
A05-212012	62.3		44.6	65.2	67.3	53.8	62.0
A05-212016	62.2		39.2	62.6	59.9	60.6	61.0
A05-212018	61.3		42.5	67.3	64.6	60.2	63.1
A05-212019	61.1		46.6	65.2	63.3	51.6	66.3
A05-212037	65.5		44.2	68.1	63.9	55.2	67.2
A05-212042	63.1		42.5	62.8	64.7	42.8	64.4
A05-213013	63.1		46.3	64.6	64.3	56.3	57.5
A05-213020	62.6		43.1	60.0	59.4	52.5	66.0
A05-213034	64.9		50.8	65.3	66.5	48.0	66.6
A05-311001	65.8		41.3	65.4	62.0	59.3	70.9
A05-311009	59.6		41.2	63.4	64.9	38.5	62.2
A05-311016	57.7		35.9	53.7	63.0	52.0	65.1
A05-311040	57.1		39.9	60.5	59.4	41.5	58.0
A05-312029	64.7		45.3	65.7	61.5	52.1	67.8
AR04-874024	62.8		49.8	59.4	61.4	56.9	59.4
HS4-2906	55.6		32.2	55.6	56.4	36.6	51.2
HS4-2915	59.1		40.2	58.8	57.8	54.4	62.0
LG01-1646	54.0		34.2	57.6	54.2	46.9	55.3
LG03-2979	60.8		39.8	61.9	68.1	53.0	60.1
LG03-3020	58.4		39.1	62.0	73.3	51.4	63.6
C.V. (%)			8.7	4.5	6.2	6.3	7.0
L.S.D. (5%)			7.7	4.8	8.0	5.5	11.2
Row Sp. (In.)		27	27	30	26	15	30
Rows/Plot		4	4	4	4	6	4
Reps		2	2	2	2	2	2

PRELIMINARY TEST IIA, 2006

YIELD (bu/a)

Strain	Cotesfield NE	Goehner NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	59.8	84.3	61.3	73.2	43.4
IA1021	58.1	71.9	63.6	77.9	48.8
IA2065	57.0	87.3	76.7	73.6	49.1
IA2073	80.6	77.3	56.0	76.2	39.6
A05-112001	77.0	78.1	66.5	80.8	43.3
A05-212012	61.5	77.8	74.1	72.6	44.0
A05-212016	71.1	79.5	77.1	69.0	42.4
A05-212018	47.6	80.2	67.0	74.5	46.4
A05-212019	66.9	79.9	58.7	67.3	45.0
A05-212037	77.4	87.2	73.7	72.9	45.4
A05-212042	84.1	84.5	66.6	74.2	44.4
A05-213013	69.4	83.6	65.9	80.9	42.7
A05-213020	81.3	86.2	66.2	68.6	43.1
A05-213034	79.5	84.9	70.3	69.8	47.1
A05-311001	76.1	86.2	74.8	77.9	44.1
A05-311009	63.3	84.5	68.9	63.1	46.5
A05-311016	43.2	80.1	71.3	74.2	38.4
A05-311040	67.0	68.0	74.6	62.7	39.1
A05-312029	72.4	86.7	71.5	73.6	50.0
AR04-874024	71.9	82.3	66.6	72.4	47.9
HS4-2906	57.9	84.6	59.8	80.7	41.2
HS4-2915	55.0	79.7	58.3	80.9	44.1
LG01-1646	52.0	76.8	56.0	68.5	38.8
LG03-2979	78.1	76.3	71.1	63.1	36.7
LG03-3020	65.4	76.2	43.3	67.9	41.7
C.V. (%)	9.7	7.0	10.7	4.1	10.3
L.S.D. (5%)	17.2	14.1	14.7	5.1	9.3
Row Sp. (In.)	30	30	7.5	18	30
Rows/Plot	4	4	8	5	4
Reps	2	2	2	2	2

PRELIMINARY TEST IIA, 2006

YIELD RANK

Strain	Yield Rank	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II) (SCN)	10		1	10	17	5	4
IA1021	19		15	20	23	19	18
IA2065	10		12	17	12	17	10
IA2073	21		4	22	23	25	9
A05-112001	5		10	13	13	2	14
A05-212012	12		8	7	3	10	16
A05-212016	13		21	12	18	1	19
A05-212018	14		13	2	7	3	13
A05-212019	15		5	6	10	15	6
A05-212037	2		9	1	9	8	3
A05-212042	6		13	11	6	21	11
A05-213013	6		6	8	8	7	23
A05-213020	9		11	18	19	12	7
A05-213034	3		2	5	4	18	5
A05-311001	1		16	4	14	4	1
A05-311009	17		17	9	5	23	15
A05-311016	22		23	25	11	14	8
A05-311040	23		19	16	19	22	22
A05-312029	4		7	3	15	13	2
AR04-874024	8		3	19	16	6	21
HS4-2906	24		25	24	22	24	25
HS4-2915	18		18	21	21	9	16
LG01-1646	25		24	23	25	20	24
LG03-2979	16		20	15	2	11	20
LG03-3020	20		22	14	1	16	12

PRELIMINARY TEST IIA, 2006

YIELD RANK

Strain	Cotesfield NE	Goehner NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	18	10	19	13	14
IA1021	19	24	18	6	3
IA2065	21	1	2	12	2
IA2073	3	20	24	7	21
A05-112001	7	18	15	3	15
A05-212012	17	19	5	15	13
A05-212016	11	17	1	18	18
A05-212018	24	13	12	8	7
A05-212019	14	15	21	22	9
A05-212037	6	2	6	14	8
A05-212042	1	8	14	9	10
A05-213013	12	11	17	2	17
A05-213020	2	4	16	19	16
A05-213034	4	6	10	17	5
A05-311001	8	4	3	5	11
A05-311009	16	8	11	23	6
A05-311016	25	14	8	10	24
A05-311040	13	25	4	25	22
A05-312029	9	3	7	11	1
AR04-874024	10	12	13	16	4
HS4-2906	20	7	20	4	20
HS4-2915	22	16	22	1	11
LG01-1646	23	21	23	20	23
LG03-2979	5	22	9	24	25
LG03-3020	15	23	25	21	19

PRELIMINARY TEST IIA, 2006

MATURITY (date)

Strain	Mean 9 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II) (SCN)	9/19	9/12		9/14	9/4	10/3	
IA1021	-6.2	-5		-6	-8	-12	
IA2065	1.6	7		1	2	1	
IA2073	-1.5	1		0	-2	-4	
A05-112001	4.4	10		6	4	3	
A05-212012	7.7	14		10	12	6	
A05-212016	4.4	9		7	5	3	
A05-212018	8.7	16		10	12	5	
A05-212019	7.3	15		8	8	7	
A05-212037	2.8	12		5	2	-1	
A05-212042	5.6	14		7	6	7	
A05-213013	-0.2	0		2	-1	0	
A05-213020	2.8	9		4	3	1	
A05-213034	2.8	5		4	5	2	
A05-311001	5.3	13		5	4	7	
A05-311009	8.9	15		10	12	7	
A05-311016	9.9	16		11	14	8	
A05-311040	8.6	17		9	10	8	
A05-312029	8.1	16		10	7	7	
AR04-874024	3.0	6		5	3	0	
HS4-2906	0.4	6		2	-2	-3	
HS4-2915	1.3	4		2	2	-2	
LG01-1646	2.9	9		6	2	-2	
LG03-2979	9.0	14		10	14	10	
LG03-3020	10.1	14		10	16	8	
Date Planted	5/22	5/6	5/11	5/20	5/25	6/5	5/20
Days to Mature	120	129		117	102	120	

PRELIMINARY TEST IIA, 2006

MATURITY (date)

Strain	Cotesfield NE	Goehner NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	9/20	9/13	9/19	10/2	9/28
IA1021	-2	-6	-8	-4	-5
IA2065	-1	2	-1	2	
IA2073	-4	0	-2	-1	-2
A05-112001	0	4	5	4	
A05-212012	-1	8	10	3	
A05-212016	1	5	4	1	
A05-212018	0	9	11	7	
A05-212019	3	8	7	2	
A05-212037	-2	3	1	2	
A05-212042	1	6	3	1	
A05-213013	-2	1	-3	2	-1
A05-213020	-1	3	3	1	
A05-213034	0	3	3	1	
A05-311001	0	5	4	4	
A05-311009	0	9	9	9	
A05-311016	-1	11	11	9	
A05-311040	0	10	8	8	
A05-312029	0	7	11	7	
AR04-874024	1	4	2	3	
HS4-2906	-2	2	-1	1	
HS4-2915	-2	2	3	1	
LG01-1646	0	4	2	2	
LG03-2979	0	11	11	3	
LG03-3020	1	11	15	6	
Date Planted	6/12	5/26	5/9	6/2	5/20
Days to Mature	100	110	133	122	131

PRELIMINARY TEST IIA, 2006

LODGING (score)

Strain	Mean 10 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II) (SCN)	2.1	2.5	3.5	1.8	1.8	3.0	
IA1021	2.3	3.3	2.5	2.3	1.5	2.0	
IA2065	2.2	3.0	2.8	1.8	1.0	3.0	
IA2073	1.4	2.0	1.3	1.3	1.0	1.0	
A05-112001	1.8	2.0	2.5	2.0	1.0	1.5	
A05-212012	2.2	2.8	2.8	2.3	1.3	2.0	
A05-212016	2.3	2.5	3.0	2.5	1.0	2.0	
A05-212018	2.2	2.5	3.0	2.3	1.5	2.5	
A05-212019	2.1	2.5	2.5	2.3	1.3	3.0	
A05-212037	2.0	2.5	3.0	2.3	1.3	1.0	
A05-212042	2.2	3.3	3.0	3.3	1.8	1.5	
A05-213013	1.7	2.3	1.8	1.8	1.0	1.5	
A05-213020	1.6	2.0	2.3	1.8	1.0	1.5	
A05-213034	1.6	2.0	1.8	1.5	1.0	1.0	
A05-311001	2.2	2.8	2.5	1.8	1.5	3.5	
A05-311009	2.2	2.5	2.8	2.3	1.5	2.0	
A05-311016	2.4	3.0	3.0	2.3	1.8	3.0	
A05-311040	1.9	2.5	2.8	2.0	1.5	1.0	
A05-312029	2.4	3.3	3.3	2.8	2.3	2.0	
AR04-874024	1.9	2.5	2.3	2.3	1.0	2.5	
HS4-2906	1.8	2.8	1.8	2.0	1.0	1.5	
HS4-2915	2.1	2.5	2.3	2.5	1.3	2.5	
LG01-1646	2.5	3.3	2.8	4.0	1.5	1.5	
LG03-2979	2.3	2.5	2.5	2.5	1.3	3.5	
LG03-3020	2.1	2.5	2.8	2.3	1.3	2.5	

PRELIMINARY TEST IIA, 2006

LODGING (score)

Strain	Cotesfield NE	Goehner NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	3.0	1.0	1.0	2.0	1.0
IA1021	4.0	3.0	1.2	2.5	1.0
IA2065	4.0	2.0	1.1	2.0	1.0
IA2073	3.5	1.0	1.2	1.0	1.0
A05-112001	3.0	2.0	1.3	2.0	1.0
A05-212012	3.5	3.0	1.3	2.0	1.0
A05-212016	4.0	2.5	1.3	3.0	1.0
A05-212018	4.0	2.0	1.4	2.0	1.0
A05-212019	3.0	2.5	1.2	2.0	1.0
A05-212037	3.5	2.0	1.1	2.0	1.0
A05-212042	3.0	2.0	1.3	2.0	1.0
A05-213013	3.0	1.5	1.1	2.0	1.0
A05-213020	3.0	1.5	1.1	1.0	1.0
A05-213034	3.5	2.0	1.1	1.0	1.0
A05-311001	3.5	2.0	1.2	2.0	1.0
A05-311009	4.0	2.5	1.3	2.0	1.0
A05-311016	4.5	2.0	1.3	2.0	1.0
A05-311040	3.0	2.0	1.3	1.5	1.0
A05-312029	4.0	2.0	1.4	2.0	1.0
AR04-874024	3.5	2.0	1.2	1.0	1.0
HS4-2906	4.0	2.0	1.0	1.0	1.0
HS4-2915	4.0	1.5	1.1	2.0	1.0
LG01-1646	5.0	2.0	1.3	2.5	1.0
LG03-2979	4.5	2.0	1.4	2.0	1.0
LG03-3020	4.0	2.0	1.0	2.0	1.0

PRELIMINARY TEST IIA, 2006

PLANT HEIGHT (inches)

Strain	Mean 9 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II) (SCN)	32	34	35	35	33	28	
IA1021	31	31	32	36	32	25	
IA2065	32	33	33	35	31	28	
IA2073	29	32	31	35	32	18	
A05-112001	32	33	33	40	34	26	
A05-212012	32	37	36	37	35	24	
A05-212016	37	39	36	42	38	28	
A05-212018	37	41	40	43	39	28	
A05-212019	38	42	37	44	40	33	
A05-212037	34	37	38	42	36	28	
A05-212042	38	37	43	46	40	26	
A05-213013	32	34	33	39	38	28	
A05-213020	34	37	33	41	38	29	
A05-213034	30	29	28	36	33	25	
A05-311001	34	37	35	43	37	30	
A05-311009	39	42	43	45	44	24	
A05-311016	39	41	41	42	41	34	
A05-311040	37	41	37	45	38	24	
A05-312029	35	38	35	42	39	27	
AR04-874024	36	39	38	42	37	33	
HS4-2906	34	35	35	39	35	24	
HS4-2915	38	36	39	44	39	31	
LG01-1646	36	37	39	44	35	23	
LG03-2979	39	40	43	44	42	32	
LG03-3020	36	38	40	40	42	26	

PRELIMINARY TEST IIA, 2006

PLANT HEIGHT (inches)

Strain	Cotesfield NE	Goehner NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)		36	26	34	28
IA1021		32	24	34	31
IA2065		33	26	32	35
IA2073		33	23	31	25
A05-112001		36	26	34	29
A05-212012		35	27	31	30
A05-212016		43	37	36	36
A05-212018		43	28	38	33
A05-212019		45	26	35	39
A05-212037		36	29	34	29
A05-212042		42	33	37	36
A05-213013		32	28	33	26
A05-213020		36	27	34	30
A05-213034		31	25	30	31
A05-311001		35	26	34	30
A05-311009		43	33	39	41
A05-311016		45	33	36	38
A05-311040		41	31	36	36
A05-312029		39	30	34	31
AR04-874024		39	27	36	36
HS4-2906		40	29	36	37
HS4-2915		43	29	38	43
LG01-1646		46	27	34	38
LG03-2979		43	35	37	35
LG03-3020		42	26	37	37

PRELIMINARY TEST IIA, 2006

SEED SIZE (g/100)

Strain	Mean 10 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II) (SCN)	14.0	13.4	13.6	14.0	12.8	14.2	16.0
IA1021	17.0	16.9	16.1	17.8	15.1	15.4	19.5
IA2065	15.5	14.9	15.1	16.5	13.4	15.1	17.7
IA2073	14.9	16.2	13.6	14.9	12.1	13.1	17.0
A05-112001	14.6	14.8	14.5	15.5	13.0	14.3	15.1
A05-212012	14.5	14.7	13.7	15.7	14.3	13.9	13.8
A05-212016	14.8	16.6	15.1	15.4	13.2	14.4	14.2
A05-212018	15.9	16.7	15.1	17.5	16.1	15.1	16.0
A05-212019	14.0	14.3	13.4	14.7	13.5	15.5	12.6
A05-212037	16.7	16.5	16.5	18.1	15.5	15.3	18.4
A05-212042	14.8	14.8	14.4	14.8	14.8	13.5	15.3
A05-213013	16.6	16.2	15.5	18.1	15.6	15.9	18.4
A05-213020	16.5	17.0	15.8	18.2	15.4	15.9	17.6
A05-213034	14.8	14.3	14.1	15.4	13.6	13.3	15.7
A05-311001	17.4	16.7	14.8	18.2	16.3	18.4	18.7
A05-311009	14.5	15.3	13.6	15.6	14.5	13.6	13.9
A05-311016	15.9	17.0	16.2	17.9	15.9	15.4	14.4
A05-311040	14.0	15.5	14.1	15.2	12.2	13.2	13.0
A05-312029	15.0	16.0	13.6	16.7	14.0	13.6	15.4
AR04-874024	17.4	18.3	16.5	18.6	16.7	18.2	17.6
HS4-2906	15.6	15.5	15.3	17.0	13.2	15.2	16.1
HS4-2915	15.9	16.0	15.3	17.3	14.6	16.1	15.9
LG01-1646	16.9	18.5	16.8	19.4	15.9	15.5	16.6
LG03-2979	13.3	13.7	12.8	14.5	12.8	14.0	12.1
LG03-3020	14.4	15.4	14.0	15.3	14.4	12.8	13.9

PRELIMINARY TEST IIA, 2006

SEED SIZE (g/100)

Strain	Cotesfield NE	Goehner NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	15.5		11.5	14.0	15.4
IA1021	17.8		14.2	16.9	20.8
IA2065	17.2		13.0	15.4	17.1
IA2073	16.4		12.5	15.8	17.1
A05-112001	15.8		13.3	14.9	14.7
A05-212012	15.8		13.3	15.3	14.2
A05-212016	15.3		13.7	15.3	15.1
A05-212018	16.5		13.5	16.0	16.8
A05-212019	15.3		11.9	15.5	13.4
A05-212037	17.8		14.7	16.0	18.6
A05-212042	16.5		13.2	16.0	15.2
A05-213013	18.6		13.2	16.6	18.3
A05-213020	18.4		14.0	16.0	17.0
A05-213034	16.9		13.2	15.2	16.5
A05-311001	18.1		15.6	18.2	18.7
A05-311009	16.3		12.7	15.3	14.7
A05-311016	16.6		15.1	17.2	13.7
A05-311040	14.9		12.9	16.1	13.2
A05-312029	17.3		13.1	15.4	14.8
AR04-874024	17.7		15.4	17.9	17.6
HS4-2906	17.2		13.3	16.5	16.6
HS4-2915	17.3		14.5	15.8	16.2
LG01-1646	16.5		16.2	17.1	16.2
LG03-2979	14.4		11.9	13.5	13.6
LG03-3020	16.6		12.7	15.5	13.1

PRELIMINARY TEST IIA, 2006

SEED QUALITY (score)

Strain	Mean 7 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II) (SCN)	1.7			2.0	1.5		2.0
IA1021	1.8			2.0	1.5		2.0
IA2065	1.5			1.0	1.0		2.0
IA2073	1.6			2.0	1.0		1.5
A05-112001	1.6			1.0	1.5		2.0
A05-212012	1.5			2.0	1.0		1.5
A05-212016	1.6			2.0	1.5		1.5
A05-212018	1.7			2.0	1.5		2.0
A05-212019	1.7			2.0	1.0		2.0
A05-212037	1.7			2.0	1.0		2.5
A05-212042	2.0			2.0	2.0		2.5
A05-213013	1.6			1.0	1.0		2.0
A05-213020	1.6			2.0	1.0		2.0
A05-213034	1.7			2.0	1.0		2.0
A05-311001	1.5			1.0	1.5		2.0
A05-311009	1.8			2.0	1.5		1.5
A05-311016	1.7			2.0	1.5		2.0
A05-311040	1.8			2.0	1.5		3.0
A05-312029	1.7			2.0	1.5		2.0
AR04-874024	1.5			1.0	1.0		2.0
HS4-2906	1.8			2.0	1.5		1.5
HS4-2915	1.7			2.0	1.5		1.0
LG01-1646	1.5			1.0	1.0		2.0
LG03-2979	2.0			2.0	1.5		2.0
LG03-3020	1.9			2.0	1.0		2.0

PRELIMINARY TEST IIA, 2006

SEED QUALITY (score)

Strain	Cotesfield NE	Goehner NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	2.0		1.3	1.1	2.0
IA1021	2.5		1.7	1.0	2.0
IA2065	2.0		1.4	1.0	2.0
IA2073	2.0		1.7	1.0	2.0
A05-112001	2.0		1.4	1.0	2.0
A05-212012	1.5		1.7	1.0	2.0
A05-212016	1.5		1.6	1.0	2.0
A05-212018	2.0		1.7	1.0	2.0
A05-212019	2.0		1.8	1.0	2.0
A05-212037	2.0		1.4	1.0	2.0
A05-212042	2.0		2.5	1.0	2.0
A05-213013	2.5		1.5	1.0	2.0
A05-213020	1.5		1.4	1.0	2.0
A05-213034	2.0		1.8	1.0	2.0
A05-311001	2.0		1.3	1.0	2.0
A05-311009	2.0		2.3	1.0	2.0
A05-311016	2.0		1.5	1.0	2.0
A05-311040	2.0		1.3	1.0	2.0
A05-312029	1.5		2.1	1.0	2.0
AR04-874024	2.0		1.4	1.0	2.0
HS4-2906	2.0		2.3	1.1	2.0
HS4-2915	2.5		1.9	1.0	2.0
LG01-1646	2.0		1.3	1.0	2.0
LG03-2979	2.0		2.7	1.0	3.0
LG03-3020	2.0		2.6	1.0	3.0

PRELIMINARY TEST IIA, 2006

PROTEIN (%)

Strain	Mean 5 Tests	Ripley IA	Urbana IL	Lafayette IN	Beemer NE	Harrow ONT
IA2068 (II) (SCN)	33.8	34.7	32.7	33.7	33.9	34.0
IA1021	35.6	37.2	35.9	35.5	34.7	34.8
IA2065	34.8	36.3	34.7	33.4	35.4	34.3
IA2073	35.2	38.0	35.5	34.2	34.5	33.9
A05-112001	36.5	37.7	36.7	37.1	36.0	35.2
A05-212012	36.0	36.7	36.6	35.7	35.8	35.1
A05-212016	35.8	38.3	35.2	35.0	35.6	35.1
A05-212018	35.8	36.9	35.9	35.6	35.4	35.1
A05-212019	34.4	35.7	34.2	34.2	33.2	34.9
A05-212037	34.0	35.7	34.3	32.8	33.7	33.8
A05-212042	34.9	36.9	34.8	34.5	34.8	33.7
A05-213013	35.7	34.9	37.1	36.1	36.1	34.3
A05-213020	35.9	37.7	36.1	34.5	35.3	35.8
A05-213034	35.9	37.7	35.7	35.5	35.8	35.0
A05-311001	35.5	35.7	35.4	35.3	36.4	34.8
A05-311009	34.8	34.5	34.9	35.1	35.1	34.4
A05-311016	37.6	38.4	37.3	37.4	37.2	37.5
A05-311040	35.2	37.5	35.2	33.5	34.5	35.2
A05-312029	33.1	32.9	34.0	33.0	33.0	32.5
AR04-874024	36.1	37.2	36.7	35.1	36.4	35.2
HS4-2906	35.2	36.1	35.1	35.1	35.3	34.5
HS4-2915	34.2	34.2	34.4	35.1	33.5	33.5
LG01-1646	35.5	36.0	36.0	35.1	35.5	34.8
LG03-2979	35.0	35.2	34.6	35.2	34.8	35.1
LG03-3020	35.1	35.3	34.9	35.2	34.6	35.3

* Protein and Oil values converted to 13% moisture basis.

PRELIMINARY TEST IIA, 2006

OIL (%)

Strain	Mean 5 Tests	Ripley IA	Urbana IL	Lafayette IN	Beemer NE	Harrow ONT
IA2068 (II) (SCN)	17.6	16.2	17.8	18.2	17.4	18.4
IA1021	17.0	15.5	16.4	17.4	17.2	18.4
IA2065	18.9	17.9	18.5	20.0	17.9	20.2
IA2073	17.0	15.3	16.5	16.8	17.5	18.8
A05-112001	16.6	15.1	16.6	16.9	16.3	18.0
A05-212012	16.6	15.3	16.6	16.7	16.1	18.0
A05-212016	17.2	15.3	17.8	18.2	17.2	17.7
A05-212018	16.7	15.6	16.7	16.7	16.3	18.2
A05-212019	16.6	15.4	16.8	17.0	16.2	17.7
A05-212037	17.7	16.2	17.5	18.4	17.8	18.9
A05-212042	18.2	16.9	18.5	18.4	17.7	19.6
A05-213013	17.2	16.8	16.6	17.2	17.0	18.4
A05-213020	17.2	15.9	17.5	18.2	17.0	17.6
A05-213034	17.1	15.6	17.1	17.2	17.5	17.9
A05-311001	17.2	16.0	17.2	17.7	16.7	18.6
A05-311009	16.6	15.5	16.6	16.9	15.7	18.2
A05-311016	16.0	14.9	16.6	16.6	15.5	16.4
A05-311040	16.4	14.9	16.4	17.2	15.9	17.7
A05-312029	17.5	16.9	17.1	17.4	17.2	19.0
AR04-874024	16.8	15.6	16.4	17.1	16.4	18.4
HS4-2906	17.4	16.7	17.1	17.1	17.1	18.9
HS4-2915	17.5	16.7	17.3	17.0	17.5	19.1
LG01-1646	17.1	16.1	17.0	17.0	16.8	18.5
LG03-2979	17.2	16.8	17.6	16.9	16.8	17.8
LG03-3020	16.2	15.0	16.9	16.9	15.5	16.9

Preliminary Test IIB, 2006

Ent.	Strain	Parentage	Gen. Comp.	Unique Traits
1.	IA2068 (II) (SCN)	AgriPro P1953 x LN94-10470	F5	SCN
2.	IA1021	NE1900 x Pioneer XB28V99		
3.	IA2065			2% linolenic
4.	SD03-483	Pioneer 9233 x SD98-74-16-1	F5	
5.	SD03-949	IA1008 x A00-712040	F5	
6.	SD03-1212	IA2021 x C1963	F5	Rps1-k
7.	SD03-1237	IA2021 x LG92-1255	F5	Rps1-k
8.	SD03-1262	IA2021 x LG92-7054	F5	Rps1-k
9.	SD03-1601	Pioneer 9172 x A96-492058	F5	Rps1-k
10.	SD03-1615	Pioneer 9172 x A96-492058	F5	Rps1-k
11.	SD03-1619	Pioneer 9172 x A96-492058	F5	Rps1-k
12.	SD03-2143	Surge x A96-492041	F5	
13.	SD03-2165	Surge x A96-492041	F5	Rps1-k
14.	SD03-2183	Surge x A96-492058	F5	
15.	SD03-2246	Surge x A96-494018	F5	
16.	U03-100141	HS98-3407 x P92B12	F5	SCN, Rps1-k ?
17.	U03-100407	NE2802 x P92B12	F5	SCN, Rps1-k ?
18.	U03-100528	NE3202 x P92B12	F5	SCN, Rps1-k ?
19.	U03-100611	U99-009019 x P92B12	F5	SCN, Rps1-k ?
20.	U03-100839	P92B37 x NE3202	F5	SCN, Rps1-c ?
21.	U03-100906	P92B37 x U99-009019	F5	SCN, Rps1-c ?
22.	U03-200151	NE3202 x P92B12	F5	SCN, Rps1-k ?
23.	U03-200238	NE3202 x P92B12	F5	SCN, Rps1-k ?
24.	U03-200242	U99-009019 x P92B12	F5	SCN, Rps1-k ?
25.	U03-200308	U99-009019 x P92B12	F5	SCN, Rps1-k ?
26.	U03-200317	U99-009019 x P92B12	F5	SCN, Rps1-k ?
27.	U03-200439	P92B12 x NE3202	F5	SCN, Rps1-k ?
28.	U03-260216	U99-009019 x UP1Fe(S1)C7-150	F5	
29.	U03-300134	NE3202 x P92B12	F5	SCN, Rps1-k ?
30.	U03-400147	P92B12 x NE2802	F5	SCN, Rps1-k ?

PRELIMINARY TEST IIB, 2006

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Chlorosis	Green Stem	Shattering	PR		PS	FE
		Score Humboldt IA	Score Harrow ONT	Score Manhattan KS	Lafayette Race 4	Lafayette Race 7	Lafayette a %	Lafayette a rx.
IA2068 (II) (SCN)	WGBIYYI	3.5	1.0	1.0	S*	S*	23	S
IA1021	PLtBDYYI	3.8	1.0	1.0	S	S	13	S
IA2065	PTBDYBII	4.5	1.0	1.0	R*	R*	3	S
SD03-483	PYYDYBII	3.9	1.0	2.0	S	S	1	S
SD03-949	PGBDYSI	4.5	1.0	1.0	H*	H*	7	-
SD03-1212	WGBIYBfI	4.1	1.0	1.0	R	R	31	S
SD03-1237	WTtDYBII	4.6	1.0	1.0	R	S*	11	S
SD03-1262	WGBDYBfI	4.3	1.0	1.0	S*	S*	9	S
SD03-1601	PTBDYBII	4.5	1.0	1.0	H*	H*	14	S
SD03-1615	PTBDYBII	3.8	1.0	2.0	S*	S*	6	S
SD03-1619	PTBIYBII	4.5	1.0	2.0	S*	S*	10	S
SD03-2143	PGBDYBrI	4.5	1.0	1.0	S	S	13	S
SD03-2165	PGBDYGr+IbI	4.6	1.0	1.0	S*	R	7	S
SD03-2183	PGBDYIbI	4.4	1.0	1.0	S	S	11	S
SD03-2246	PGBDYIbI	4.0	1.0	1.0	S	S	10	S
U03-100141	PTBDYGrI	4.4	1.0	1.0	R	R	8	-
U03-100407	WT+GBDYBI+BfI	4.4	1.0	1.0	R	R	7	S
U03-100528	PTBDYBII	4.1	1.0	1.0	R	R	1	S
U03-100611	PTBDYBII	4.5	1.0	1.0	R	H*	0	S
U03-100839	WGBDYBfI	4.4	1.0	1.0	S	S*	17	S
U03-100906	PGBDYIbI	4.5	1.0	1.0	R*	R	14	-
U03-200151	PTBDYBII	4.6	1.0	1.0	R	R	7	-
U03-200238	PGBIYIbI	4.5	1.0	1.0	R	R	8	S
U03-200242	PTBDYBII	4.4	1.0	1.0	S*	S*	7	S
U03-200308	PTBDYBII	4.5	1.0	1.0	H*	R	8	S
U03-200317	PLtBDYBII	4.8	1.0	1.0	H*	H*	14	-
U03-200439	WGBDYBfI	4.1	1.0	1.0	S*	R	29	S
U03-260216	PLtBDYBII	4.5	1.0	1.0	S	S	9	S
U03-300134	PLtBDYBII	4.4	1.0	1.0	R	H*	6	S
U03-400147	WGBDYBfI	4.3	1.0	1.0	S*	R	17	-

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

PS: % seed discolored

FE: S = susceptible, - = lesions not detected, x = no data

PRELIMINARY TEST IIB, 2006

REGIONAL SUMMARY

No. of Tests Strain	Yield 10 bu/a	Rank 10 No.	Maturity 9 Date	Lodging 10 Score	Plant Height 9 In.	Seed Size 10 g/100	Seed Quality 7 Score	<u>Composition</u>	
								Protein 5 %	Oil 5 %
IA2068 (II) (SCN)	65.8	8	9/20	2.1	33	14.1	1.7	33.6	17.4
IA1021	58.5	24	-5.2	2.2	31	16.9	1.7	35.2	17.5
IA2065	65.9	7	1.4	2.2	32	15.5	1.4	35.0	19.1
SD03-483	61.4	18	-3.1	2.0	32	16.4	1.5	37.5	16.9
SD03-949	61.3	19	-2.1	1.5	29	18.9	2.3	35.2	16.8
SD03-1212	60.5	21	-0.8	2.6	33	19.4	2.1	35.4	18.2
SD03-1237	58.2	25	-1.8	2.0	32	16.1	1.6	34.8	18.2
SD03-1262	57.5	27	-4.0	2.3	32	16.1	1.8	36.0	17.1
SD03-1601	61.0	20	-1.6	2.2	36	16.9	1.7	34.1	17.9
SD03-1615	58.6	23	-4.2	1.6	34	15.6	1.7	34.3	17.3
SD03-1619	59.5	22	-2.3	2.0	34	16.2	1.8	36.5	17.0
SD03-2143	56.9	28	-4.8	1.8	32	15.9	1.8	35.2	17.9
SD03-2165	56.6	29	-4.9	1.4	30	16.7	1.8	36.2	17.5
SD03-2183	52.9	30	-4.0	1.4	27	16.8	1.9	36.2	17.0
SD03-2246	58.2	25	-4.7	2.0	33	17.7	1.8	35.8	17.9
U03-100141	66.1	6	6.0	2.0	32	16.5	1.6	35.7	17.1
U03-100407	62.5	17	0.8	1.6	30	14.7	1.6	33.6	17.8
U03-100528	65.0	12	3.8	1.8	33	15.5	1.9	35.2	17.5
U03-100611	66.2	5	4.9	1.9	32	13.4	1.9	34.4	17.5
U03-100839	62.9	15	3.5	2.2	38	15.0	1.5	36.3	17.1
U03-100906	62.7	16	5.7	2.2	38	16.8	1.8	37.3	16.3
U03-200151	65.2	9	1.2	1.8	36	15.7	1.9	34.9	18.5
U03-200238	64.7	14	2.6	1.7	33	16.3	1.8	35.4	17.9
U03-200242	67.7	3	6.4	1.9	34	13.4	1.6	33.4	17.0
U03-200308	64.9	13	5.4	1.8	34	14.6	1.8	35.0	17.2
U03-200317	69.0	1	3.3	1.8	33	15.0	1.5	35.0	17.6
U03-200439	65.1	11	4.1	1.9	39	13.1	1.8	32.9	17.5
U03-260216	67.6	4	4.8	1.8	35	14.1	1.7	34.8	17.4
U03-300134	68.8	2	5.0	1.8	34	13.1	1.5	34.4	17.4
U03-400147	65.2	9	6.1	2.1	35	15.2	1.5	34.3	17.0

120.8 Days After Planting

PRELIMINARY TEST IIB, 2006

YIELD (bu/a)

Strain	Mean 10 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II) (SCN)	65.8		53.6	60.5	67.2	56.0	60.5
IA1021	58.5		41.7	56.3	61.5	51.2	54.5
IA2065	65.9		42.7	62.4	71.3	64.6	62.9
SD03-483	61.4		40.0	53.0	63.7	57.5	56.9
SD03-949	61.3		52.1	54.8	65.7	58.2	58.1
SD03-1212	60.5		45.4	56.3	57.0	55.0	54.2
SD03-1237	58.2		39.1	54.1	58.2	56.6	52.1
SD03-1262	57.5		41.1	58.0	62.3	51.4	53.5
SD03-1601	61.0		48.4	54.6	65.3	52.8	53.2
SD03-1615	58.6		47.7	54.3	61.4	47.0	46.8
SD03-1619	59.5		42.2	61.3	63.6	55.8	51.1
SD03-2143	56.9		43.0	57.2	59.1	49.1	45.1
SD03-2165	56.6		40.8	54.0	56.6	53.8	51.0
SD03-2183	52.9		38.1	53.5	54.8	40.2	53.0
SD03-2246	58.2		44.3	56.7	59.5	49.6	54.4
U03-100141	66.1		45.1	64.8	75.2	56.2	56.8
U03-100407	62.5		49.9	57.7	70.2	57.1	55.3
U03-100528	65.0		47.4	60.1	69.9	58.6	60.2
U03-100611	66.2		43.8	59.8	70.1	61.1	65.0
U03-100839	62.9		54.0	60.5	69.6	57.6	61.1
U03-100906	62.7		45.4	59.5	66.8	57.7	56.6
U03-200151	65.2		51.7	58.5	67.5	60.7	56.3
U03-200238	64.7		55.7	57.6	69.4	60.6	58.9
U03-200242	67.7		44.7	65.1	71.9	63.7	63.3
U03-200308	64.9		44.8	60.8	71.5	57.9	64.7
U03-200317	69.0		48.2	60.8	76.5	63.8	66.1
U03-200439	65.1		53.0	61.8	66.8	54.4	56.9
U03-260216	67.6		41.8	66.1	68.7	62.6	67.5
U03-300134	68.8		45.2	63.4	69.4	62.1	66.0
U03-400147	65.2		49.7	64.4	72.2	52.6	58.2
C.V. (%)			8.1	5.1	6.4	7.2	5.3
L.S.D. (5%)			7.7	5.1	8.6	6.9	7.5
Row Sp. (In.)		27	27	30	26	15	30
Rows/Plot		4	4	4	4	6	4
Reps		2	2	2	2	2	2

PRELIMINARY TEST IIB, 2006

YIELD (bu/a)

Strain	Cotesfield NE	Goehner NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	75.9	81.1	68.3	85.7	49.2
IA1021	65.4	67.4	53.4	83.8	50.2
IA2065	76.4	78.6	70.4	84.2	45.8
SD03-483	82.8	69.3	65.3	76.9	48.7
SD03-949	75.2	77.3	57.4	71.8	42.3
SD03-1212	68.5	84.2	65.7	75.8	42.8
SD03-1237	60.5	75.3	63.7	72.8	49.3
SD03-1262	57.1	72.4	56.1	78.3	44.5
SD03-1601	66.8	76.4	63.2	79.7	49.6
SD03-1615	77.4	74.1	59.0	74.7	43.6
SD03-1619	61.9	77.4	59.9	77.1	45.0
SD03-2143	70.1	74.5	57.7	73.4	40.2
SD03-2165	67.3	64.9	60.4	72.4	45.1
SD03-2183	55.6	67.1	43.0	81.0	42.9
SD03-2246	79.1	69.8	45.9	77.7	45.2
U03-100141	79.1	88.8	71.7	77.3	46.2
U03-100407	77.2	77.6	58.4	74.1	47.9
U03-100528	68.8	81.4	72.1	81.4	50.0
U03-100611	63.8	85.7	73.9	88.4	50.7
U03-100839	58.3	77.1	65.1	82.0	43.2
U03-100906	56.5	82.4	72.0	83.3	46.8
U03-200151	80.2	80.9	61.7	83.7	50.6
U03-200238	66.7	83.9	62.2	83.0	48.7
U03-200242	79.6	86.6	69.6	83.9	48.2
U03-200308	69.3	75.9	73.0	79.3	52.1
U03-200317	80.1	86.9	72.3	85.0	50.5
U03-200439	89.7	80.2	65.7	78.8	44.0
U03-260216	81.9	84.1	69.7	83.5	49.9
U03-300134	92.4	86.7	73.7	82.1	46.9
U03-400147	76.1	82.9	76.9	75.7	43.6
C.V. (%)	10.0	6.3	10.5	5.8	7.6
L.S.D. (5%)	18.2	12.9	13.8	7.9	7.3
Row Sp. (In.)	30	30	7.5	18	30
Rows/Plot	4	4	8	5	4
Reps	2	2	2	2	2

PRELIMINARY TEST IIB, 2006

YIELD RANK

Strain	Yield Rank	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II) (SCN)	8		3	11	15	18	9
IA1021	24		25	22	23	26	20
IA2065	7		22	6	6	1	7
SD03-483	18		28	30	20	14	15
SD03-949	19		5	24	18	10	13
SD03-1212	21		13	23	28	20	22
SD03-1237	25		29	27	27	16	26
SD03-1262	27		26	17	22	25	23
SD03-1601	20		9	25	19	23	24
SD03-1615	23		11	26	24	29	29
SD03-1619	22		23	8	21	19	27
SD03-2143	28		21	20	26	28	30
SD03-2165	29		27	28	29	22	28
SD03-2183	30		30	29	30	30	25
SD03-2246	25		19	21	25	27	21
U03-100141	6		16	3	2	17	16
U03-100407	17		7	18	7	15	19
U03-100528	12		12	13	9	9	10
U03-100611	5		20	14	8	6	4
U03-100839	15		2	12	10	13	8
U03-100906	16		13	15	16	12	17
U03-200151	9		6	16	14	7	18
U03-200238	14		1	19	11	8	11
U03-200242	3		18	2	4	3	6
U03-200308	13		17	10	5	11	5
U03-200317	1		10	9	1	2	2
U03-200439	11		4	7	16	21	15
U03-260216	4		24	1	13	4	1
U03-300134	2		15	5	11	5	3
U03-400147	9		8	4	3	24	12

PRELIMINARY TEST IIB, 2006

YIELD RANK

Strain	Cotesfield NE	Goehner NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	14	12	12	2	10
IA1021	23	28	28	6	5
IA2065	12	15	9	4	18
SD03-483	3	27	15	22	11
SD03-949	15	18	26	30	29
SD03-1212	19	6	13	23	28
SD03-1237	26	22	17	28	9
SD03-1262	28	25	27	18	22
SD03-1601	21	20	18	15	8
SD03-1615	10	24	23	25	24
SD03-1619	25	17	22	21	21
SD03-2143	16	23	25	27	30
SD03-2165	20	30	21	29	20
SD03-2183	30	29	30	14	27
SD03-2246	9	26	29	19	19
U03-100141	9	1	8	20	17
U03-100407	11	16	24	26	14
U03-100528	18	11	6	13	6
U03-100611	24	5	2	1	2
U03-100839	27	19	16	12	26
U03-100906	29	10	7	9	16
U03-200151	5	13	20	7	3
U03-200238	22	8	19	10	11
U03-200242	7	4	11	5	13
U03-200308	17	21	4	16	1
U03-200317	6	2	5	3	4
U03-200439	2	14	14	17	23
U03-260216	4	7	10	8	7
U03-300134	1	3	3	11	15
U03-400147	13	9	1	24	24

PRELIMINARY TEST IIB, 2006

MATURITY (date)

Strain	Mean 9 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II) (SCN)	9/20	9/12		9/13	9/14	10/3	
IA1021	-5.2	-5		-4	-8	-12	
IA2065	1.4	7		2	1	-3	
SD03-483	-3.1	-5		0	-3	-7	
SD03-949	-2.1	1		1	-3	-8	
SD03-1212	-0.8	3		1	-3	-7	
SD03-1237	-1.8	-2		1	-4	-7	
SD03-1262	-4.0	-4		-2	-6	-9	
SD03-1601	-1.6	-1		1	-3	-7	
SD03-1615	-4.2	-2		-2	-7	-12	
SD03-1619	-2.3	1		2	-6	-7	
SD03-2143	-4.8	-3		-3	-8	-10	
SD03-2165	-4.9	-1		-3	-8	-11	
SD03-2183	-4.0	-4		-1	-8	-12	
SD03-2246	-4.7	-4		-4	-8	-10	
U03-100141	6.0	11		7	7	-1	
U03-100407	0.8	3		2	0	-4	
U03-100528	3.8	11		4	3	-1	
U03-100611	4.9	9		6	4	2	
U03-100839	3.5	10		7	4	0	
U03-100906	5.7	11		8	4	2	
U03-200151	1.2	5		3	-1	-4	
U03-200238	2.6	8		4	-1	-1	
U03-200242	6.4	11		10	5	2	
U03-200308	5.4	11		8	6	0	
U03-200317	3.3	7		5	3	1	
U03-200439	4.1	8		5	2	2	
U03-260216	4.8	6		7	5	1	
U03-300134	5.0	7		8	5	2	
U03-400147	6.1	13		8	6	3	
Date Planted	5/22	5/6	5/25	5/20	5/9	6/5	5/20
Days to Mature	121	129		116	128	120	

PRELIMINARY TEST IIB, 2006

MATURITY (date)

Strain	Cotesfield NE	Goehner NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	9/18	9/10	9/20	10/2	9/30
IA1021	1	-3	-5	-3	-8
IA2065	-2	4	2	1	
SD03-483	0	-1	-5	-3	-4
SD03-949	-1	1	-4	-4	
SD03-1212	-1	1	-2	2	
SD03-1237	1	0	-4	1	-3
SD03-1262	-1	-1	-5	-5	
SD03-1601	2	0	-4	-1	
SD03-1615	-2	-1	-6	-3	-3
SD03-1619	2	0	-6	-4	
SD03-2143	1	-1	-6	-7	-6
SD03-2165	2	-1	-8	-10	-5
SD03-2183	6	-1	-6	-6	-4
SD03-2246	0	-2	-5	-7	-3
U03-100141	2	9	8	5	
U03-100407	1	4	1	-1	
U03-100528	1	8	5	-1	
U03-100611	2	8	7	2	
U03-100839	0	6	3	-2	
U03-100906	1	7	7	6	
U03-200151	-1	6	3	-1	
U03-200238	0	7	6	-2	
U03-200242	1	8	8	7	
U03-200308	1	8	4	6	
U03-200317	-2	8	2	3	
U03-200439	4	7	3	2	
U03-260216	3	6	6	5	
U03-300134	0	9	4	5	
U03-400147	1	8	7	3	
Date Planted	6/12	5/26	5/9	6/2	5/20
Days to Mature	98	107	134	122	133

PRELIMINARY TEST IIB, 2006

LODGING (score)

Strain	Mean 10 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II) (SCN)	2.1	2.5	3.5	1.8	2.0	2.0	
IA1021	2.2	3.3	2.5	2.3	1.5	1.5	
IA2065	2.2	3.0	2.8	2.0	1.0	3.0	
SD03-483	2.0	2.0	2.8	2.5	1.3	2.0	
SD03-949	1.5	2.0	2.0	1.0	1.0	1.0	
SD03-1212	2.6	3.5	3.5	3.3	3.5	1.5	
SD03-1237	2.0	2.3	3.3	2.3	1.0	2.0	
SD03-1262	2.3	3.0	3.3	2.8	1.8	1.0	
SD03-1601	2.2	2.5	2.5	2.5	1.3	3.0	
SD03-1615	1.6	1.8	2.5	1.8	1.0	1.0	
SD03-1619	2.0	2.0	2.8	2.3	1.3	2.5	
SD03-2143	1.8	2.0	2.3	2.0	1.8	1.5	
SD03-2165	1.4	2.0	1.8	1.3	1.0	1.0	
SD03-2183	1.4	1.5	1.3	1.0	1.0	1.0	
SD03-2246	2.0	2.3	2.5	2.0	1.5	1.5	
U03-100141	2.0	2.3	2.8	2.0	1.0	1.5	
U03-100407	1.6	2.0	2.3	1.3	1.0	1.0	
U03-100528	1.8	2.8	2.5	1.8	1.0	1.5	
U03-100611	1.9	2.3	3.0	1.8	1.0	2.0	
U03-100839	2.2	2.8	2.3	3.0	1.5	2.5	
U03-100906	2.2	2.3	2.8	3.3	1.3	2.5	
U03-200151	1.8	2.0	2.3	1.8	1.0	2.0	
U03-200238	1.7	2.5	2.5	1.8	1.0	1.5	
U03-200242	1.9	2.5	3.0	2.0	1.0	2.5	
U03-200308	1.8	2.8	2.5	1.8	1.0	1.5	
U03-200317	1.8	2.3	2.3	1.8	1.0	2.5	
U03-200439	1.9	2.3	2.5	2.0	1.5	2.5	
U03-260216	1.8	2.3	2.5	2.0	1.0	2.0	
U03-300134	1.8	2.0	2.8	1.5	1.0	2.0	
U03-400147	2.1	2.5	2.8	2.3	1.0	2.5	

PRELIMINARY TEST IIB, 2006

LODGING (score)

Strain	Cotesfield NE	Goehner NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	4.0	1.0	1.5	1.5	1.0
IA1021	4.0	3.0	1.1	2.0	1.0
IA2065	4.0	2.0	1.2	2.0	1.0
SD03-483	3.5	1.5	1.3	2.0	1.0
SD03-949	3.5	1.0	1.1	1.0	1.0
SD03-1212	3.5	2.0	1.5	3.0	1.0
SD03-1237	3.0	2.0	1.2	1.5	1.0
SD03-1262	4.0	2.5	1.3	2.0	1.0
SD03-1601	4.0	2.0	1.3	2.0	1.0
SD03-1615	4.0	1.0	1.2	1.0	1.0
SD03-1619	3.0	2.0	1.4	2.0	1.0
SD03-2143	3.0	1.5	1.2	1.5	1.0
SD03-2165	3.0	1.0	1.2	1.0	1.0
SD03-2183	4.0	1.0	1.1	1.0	1.0
SD03-2246	4.0	2.0	1.3	2.0	1.0
U03-100141	3.5	2.0	1.4	2.0	1.0
U03-100407	4.0	1.5	1.1	1.0	1.0
U03-100528	4.0	1.5	1.3	1.0	1.0
U03-100611	3.5	2.0	1.3	1.0	1.0
U03-100839	4.0	1.5	1.4	2.0	1.0
U03-100906	3.5	2.0	1.4	1.5	1.0
U03-200151	3.5	2.0	1.2	1.0	1.0
U03-200238	3.0	1.5	1.2	1.5	1.0
U03-200242	3.0	2.0	1.3	1.0	1.0
U03-200308	3.5	2.0	1.3	1.0	1.0
U03-200317	3.0	1.0	1.3	1.0	2.0
U03-200439	3.0	2.0	1.4	1.0	1.0
U03-260216	3.5	1.5	1.4	1.0	1.0
U03-300134	3.0	2.0	1.3	1.0	1.0
U03-400147	3.5	2.0	1.4	2.0	1.0

PRELIMINARY TEST IIB, 2006

PLANT HEIGHT (inches)

Strain	Mean 9 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II) (SCN)	33	34	35	36	34	28	
IA1021	31	31	32	35	36	28	
IA2065	32	33	33	35	36	29	
SD03-483	32	32	34	35	33	29	
SD03-949	29	31	30	34	34	25	
SD03-1212	33	33	36	38	36	28	
SD03-1237	32	32	35	34	33	29	
SD03-1262	32	35	34	37	34	26	
SD03-1601	36	36	32	37	38	32	
SD03-1615	34	34	37	37	38	30	
SD03-1619	34	37	36	37	36	30	
SD03-2143	32	35	34	35	36	27	
SD03-2165	30	27	32	33	32	30	
SD03-2183	27	30	27	29	30	21	
SD03-2246	33	34	36	36	36	28	
U03-100141	32	33	35	39	36	26	
U03-100407	30	29	31	33	33	25	
U03-100528	33	32	34	37	37	25	
U03-100611	32	31	35	36	37	28	
U03-100839	38	39	37	44	41	35	
U03-100906	38	39	42	43	42	30	
U03-200151	36	36	38	39	39	31	
U03-200238	33	35	35	36	37	28	
U03-200242	34	32	34	38	36	30	
U03-200308	34	35	38	39	39	29	
U03-200317	33	35	33	37	36	31	
U03-200439	39	43	40	44	42	33	
U03-260216	35	37	35	43	39	30	
U03-300134	34	36	35	39	38	29	
U03-400147	35	30	36	41	40	29	

PRELIMINARY TEST IIB, 2006

PLANT HEIGHT (inches)

Strain	Cotesfield NE	Goehner NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)		35	27	32	33
IA1021		33	25	32	30
IA2065		32	28	30	30
SD03-483		34	26	32	33
SD03-949		27	22	28	27
SD03-1212		38	27	33	32
SD03-1237		33	27	33	35
SD03-1262		33	26	33	29
SD03-1601		38	31	36	40
SD03-1615		38	25	35	36
SD03-1619		36	27	36	35
SD03-2143		34	26	34	31
SD03-2165		31	24	30	30
SD03-2183		28	20	30	25
SD03-2246		35	25	33	30
U03-100141		35	27	31	31
U03-100407		32	27	31	31
U03-100528		35	29	34	33
U03-100611		32	26	31	33
U03-100839		38	33	37	38
U03-100906		38	32	38	41
U03-200151		37	27	35	40
U03-200238		34	26	33	31
U03-200242		35	29	34	34
U03-200308		36	27	33	35
U03-200317		33	26	32	32
U03-200439		42	30	39	39
U03-260216		37	29	34	30
U03-300134		37	29	33	33
U03-400147		37	32	34	35

PRELIMINARY TEST IIB, 2006

SEED SIZE (g/100)

Strain	Mean 10 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II) (SCN)	14.1	13.4	13.6	13.4	12.7	13.7	15.9
IA1021	16.9	16.9	16.1	18.5	15.3	15.7	18.1
IA2065	15.5	14.9	15.1	15.5	14.6	15.0	16.9
SD03-483	16.4	16.3	16.3	17.2	14.7	15.9	17.0
SD03-949	18.9	17.9	17.9	19.9	18.0	18.8	21.1
SD03-1212	19.4	18.9	18.4	19.9	17.2	18.5	21.5
SD03-1237	16.1	17.0	15.3	16.3	14.5	15.4	16.5
SD03-1262	16.1	16.3	15.7	16.6	15.3	15.9	17.3
SD03-1601	16.9	16.9	16.8	17.0	15.9	16.8	18.1
SD03-1615	15.6	15.0	15.0	16.8	14.8	14.4	17.0
SD03-1619	16.2	15.9	15.9	17.9	14.5	15.1	17.4
SD03-2143	15.9	16.3	15.7	16.7	14.4	14.4	17.2
SD03-2165	16.7	16.4	17.4	17.3	14.9	15.4	18.6
SD03-2183	16.8	16.9	16.9	17.7	15.2	14.2	18.2
SD03-2246	17.7	17.5	17.0	18.9	14.7	16.3	19.8
U03-100141	16.5	16.1	15.5	16.2	16.1	16.7	16.5
U03-100407	14.7	14.6	14.2	14.3	13.2	14.1	16.1
U03-100528	15.5	15.3	14.3	15.7	14.6	16.2	15.4
U03-100611	13.4	13.9	12.3	13.6	12.9	13.9	13.1
U03-100839	15.0	15.2	14.7	16.3	14.3	13.8	17.0
U03-100906	16.8	17.5	16.3	17.3	15.4	15.6	17.0
U03-200151	15.7	15.2	15.4	15.6	13.8	16.5	16.3
U03-200238	16.3	16.6	15.6	16.7	14.7	16.1	17.5
U03-200242	13.4	15.3	12.3	14.2	11.8	14.4	13.2
U03-200308	14.6	14.2	14.2	16.0	13.9	14.9	13.9
U03-200317	15.0	15.3	13.8	15.7	13.7	14.4	16.4
U03-200439	13.1	13.2	13.8	13.7	11.4	12.7	14.1
U03-260216	14.1	14.4	12.8	15.1	12.7	13.6	14.5
U03-300134	13.1	12.7	11.8	13.9	11.7	13.4	12.9
U03-400147	15.2	16.1	14.4	15.2	14.3	14.4	15.2

PRELIMINARY TEST IIB, 2006

SEED SIZE (g/100)

Strain	Cotesfield NE	Goehner NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	16.5		11.8	14.4	15.6
IA1021	17.0		14.8	16.4	20.0
IA2065	16.2		13.5	15.5	17.7
SD03-483	17.2		14.5	17.1	17.9
SD03-949	20.6		15.6	18.6	20.8
SD03-1212	21.5		16.1	18.6	23.5
SD03-1237	17.5		13.2	17.0	17.8
SD03-1262	16.5		13.2	16.3	17.9
SD03-1601	17.3		14.4	17.0	18.8
SD03-1615	16.6		13.4	15.5	17.6
SD03-1619	17.3		13.3	16.4	18.2
SD03-2143	17.0		12.8	16.2	18.8
SD03-2165	17.3		14.3	16.5	18.9
SD03-2183	17.3		14.8	18.1	19.0
SD03-2246	19.4		14.0	18.3	21.1
U03-100141	17.3		15.6	17.4	17.4
U03-100407	16.9		12.5	14.9	15.9
U03-100528	17.9		13.7	16.0	15.9
U03-100611	15.1		11.7	14.1	13.4
U03-100839	15.9		12.7	14.5	15.7
U03-100906	19.4		15.0	16.7	17.8
U03-200151	16.9		14.0	16.2	17.3
U03-200238	19.0		13.7	16.8	16.1
U03-200242	14.6		12.1	13.2	13.4
U03-200308	15.1		13.8	15.5	14.6
U03-200317	16.2		12.9	16.2	15.1
U03-200439	14.6		11.2	13.6	12.9
U03-260216	16.1		12.6	14.3	15.0
U03-300134	15.0		11.8	15.0	12.4
U03-400147	17.5		13.7	15.6	15.5

PRELIMINARY TEST IIB, 2006

SEED QUALITY (score)

Strain	Mean 7 Tests	Ames IA	Rippey IA	Urbana IL	Lafayette IN	Ingham County MI	Beermer NE
IA2068 (II) (SCN)	1.7			2.0	1.0		2.0
IA1021	1.7			2.0	1.5		2.5
IA2065	1.4			1.0	1.0		2.5
SD03-483	1.5			1.0	1.0		2.0
SD03-949	2.3			3.0	2.5		3.0
SD03-1212	2.1			2.0	3.0		2.5
SD03-1237	1.6			1.0	1.0		3.0
SD03-1262	1.8			2.0	1.5		3.0
SD03-1601	1.7			2.0	1.5		2.0
SD03-1615	1.7			2.0	1.5		2.0
SD03-1619	1.8			2.0	1.5		2.5
SD03-2143	1.8			2.0	1.5		2.0
SD03-2165	1.8			2.0	2.0		2.0
SD03-2183	1.9			2.0	1.5		2.5
SD03-2246	1.8			2.0	2.5		2.5
U03-100141	1.6			2.0	1.0		2.0
U03-100407	1.6			1.0	1.0		2.5
U03-100528	1.9			2.0	2.5		2.5
U03-100611	1.9			2.0	1.5		2.5
U03-100839	1.5			2.0	1.0		2.0
U03-100906	1.8			2.0	1.5		3.0
U03-200151	1.9			2.0	2.5		2.0
U03-200238	1.8			1.0	1.5		3.0
U03-200242	1.6			1.0	1.5		2.5
U03-200308	1.8			2.0	1.5		2.5
U03-200317	1.5			1.0	1.0		3.0
U03-200439	1.8			2.0	1.0		2.5
U03-260216	1.7			1.0	1.5		2.0
U03-300134	1.5			1.0	1.0		2.0
U03-400147	1.5			1.0	1.0		2.5

PRELIMINARY TEST IIB, 2006

SEED QUALITY (score)

Strain	Cotesfield NE	Goehner NE	Hoytville OH	Harrow Ont.	Aurora SD
IA2068 (II) (SCN)	2.0		1.8	1.0	2.0
IA1021	1.5		1.3	1.0	2.0
IA2065	1.0		1.3	1.0	2.0
SD03-483	2.0		1.3	1.0	2.0
SD03-949	2.0		2.3	1.5	2.0
SD03-1212	2.0		2.1	1.0	2.0
SD03-1237	2.0		1.3	1.0	2.0
SD03-1262	2.0		1.3	1.0	2.0
SD03-1601	2.0		1.4	1.0	2.0
SD03-1615	2.0		1.3	1.0	2.0
SD03-1619	2.0		1.3	1.0	2.0
SD03-2143	2.0		1.6	1.5	2.0
SD03-2165	2.0		1.4	1.0	2.0
SD03-2183	2.0		1.3	1.0	3.0
SD03-2246	1.5		1.3	1.0	2.0
U03-100141	2.0		1.3	1.0	2.0
U03-100407	1.5		1.9	1.0	2.0
U03-100528	2.0		1.5	1.0	2.0
U03-100611	2.5		1.5	1.0	2.0
U03-100839	1.5		1.3	1.0	2.0
U03-100906	2.0		1.4	1.0	2.0
U03-200151	2.0		1.6	1.0	2.0
U03-200238	2.0		1.4	1.0	3.0
U03-200242	2.0		1.4	1.0	2.0
U03-200308	2.0		1.3	1.0	2.0
U03-200317	2.0		1.3	1.0	1.0
U03-200439	2.0		1.3	1.0	3.0
U03-260216	1.5		2.0	1.0	3.0
U03-300134	2.0		1.4	1.0	2.0
U03-400147	1.5		1.3	1.0	2.0

PRELIMINARY TEST IIB, 2006

PROTEIN (%)

Strain	Mean 5 Tests	Rippey IA	Urbana IL	Lafayette IN	Beemer NE	Harrow ONT
IA2068 (II) (SCN)	33.6	35.3	32.0	33.9	33.5	33.2
IA1021	35.2	37.3	35.1	35.2	34.5	34.0
IA2065	35.0	37.0	34.4	34.4	35.5	33.9
SD03-483	37.5	39.8	36.9	37.7	36.9	36.4
SD03-949	35.2	37.4	35.6	34.8	34.8	33.5
SD03-1212	35.4	37.4	34.6	34.9	36.0	34.2
SD03-1237	34.8	37.4	34.0	34.0		33.8
SD03-1262	36.0	37.4	35.9	36.2	36.1	34.5
SD03-1601	34.1	35.2	35.2	33.5	33.7	32.9
SD03-1615	34.3	35.5	34.3	34.0	34.7	33.1
SD03-1619	36.5	38.4	36.7	36.1	36.0	35.6
SD03-2143	35.2	38.0	35.3	35.2	34.5	33.1
SD03-2165	36.2	39.4	36.8	35.3	35.0	34.2
SD03-2183	36.2	37.5	36.5	36.0	36.1	35.1
SD03-2246	35.8	38.2	35.3	36.2	35.3	33.9
U03-100141	35.7	37.0	36.1	35.7	35.1	34.8
U03-100407	33.6	35.2	32.7	32.4	34.2	33.6
U03-100528	35.2	36.8	34.7	34.5	35.5	34.5
U03-100611	34.4	36.2	34.6	34.1	33.2	33.8
U03-100839	36.3	38.7	36.5	36.1	35.7	34.5
U03-100906	37.3	38.6	37.7	38.2	35.6	36.6
U03-200151	34.9	37.8	34.4	33.2	35.0	33.9
U03-200238	35.4	37.6	35.1	34.2	35.9	34.0
U03-200242	33.4	34.5	33.4	32.7	33.6	32.8
U03-200308	35.0	36.8	34.6	34.9	34.1	34.5
U03-200317	35.0	37.7	34.7	34.0	34.9	33.8
U03-200439	32.9	34.6	34.0	31.4	32.8	31.7
U03-260216	34.8	36.0	35.8	34.5	34.0	33.7
U03-300134	34.4	34.9	34.5	34.4	34.2	34.0
U03-400147	34.3	36.0	34.1	33.7	34.3	33.3

* Protein and Oil values converted to 13% moisture basis.

PRELIMINARY TEST IIB, 2006

OIL (%)

Strain	Mean 5 Tests	Ripley IA	Urbana IL	Lafayette IN	Beemer NE	Harrow ONT
IA2068 (II) (SCN)	17.4	15.4	18.3	17.3	17.1	18.7
IA1021	17.5	16.0	17.6	17.7	17.6	18.8
IA2065	19.1	17.6	19.4	19.8	18.3	20.4
SD03-483	16.9	15.4	16.7	17.0	17.2	18.1
SD03-949	16.8	15.2	16.3	17.2	16.4	18.8
SD03-1212	18.2	16.3	19.2	19.0	17.0	19.5
SD03-1237	18.2	16.1	18.4	18.6		19.6
SD03-1262	17.1	15.9	16.6	17.3	17.1	18.6
SD03-1601	17.9	17.0	17.2	18.4	17.3	19.4
SD03-1615	17.3	16.1	17.6	17.2	16.7	18.8
SD03-1619	17.0	15.9	16.7	17.4	16.9	17.9
SD03-2143	17.9	15.7	17.9	18.4	17.8	19.7
SD03-2165	17.5	15.6	16.8	18.3	17.9	19.1
SD03-2183	17.0	15.9	16.5	17.6	16.5	18.4
SD03-2246	17.9	16.6	18.3	17.2	17.7	19.5
U03-100141	17.1	15.9	17.0	17.2	17.0	18.6
U03-100407	17.8	16.7	18.0	18.1	17.6	18.9
U03-100528	17.5	15.7	18.2	18.4	16.8	18.4
U03-100611	17.5	16.0	17.6	17.9	17.5	18.7
U03-100839	17.1	16.1	16.8	16.8	17.2	18.7
U03-100906	16.3	15.3	16.0	16.4	16.5	17.4
U03-200151	18.5	17.0	18.6	19.1	18.3	19.7
U03-200238	17.9	16.8	18.0	18.1	17.3	19.1
U03-200242	17.0	15.8	17.1	17.0	16.9	18.4
U03-200308	17.2	15.8	18.0	17.2	17.0	18.0
U03-200317	17.6	16.9	17.5	17.6	17.0	18.7
U03-200439	17.5	16.2	17.1	17.9	17.7	18.7
U03-260216	17.4	16.3	17.1	17.5	17.7	18.4
U03-300134	17.4	16.8	17.4	17.5	16.8	18.4
U03-400147	17.0	15.9	16.9	17.0	16.7	18.5

Uniform Test III, 2006

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1	IA3023 (III)	Dairyland DSR-365 x Pioneer P9381	5	F5	
2.	IA2065		2		2% linolenic
3.	U98-311442 (SCN)	A94-773014 x Bell	SCNIII	F5	SCN
4.	Macon (L)	Sherman x Resnik	12	F5	
5.	AR04-874018	P9233 X A95-682026	SCN PTIII	F4	BSR
6.	HS3-2840	U97-3114 x HS98-3628	PTIIIB	F5	
7.	LD01- 5907	Ina x IA3010	05 SCNIII	F5	SCN
8.	LS01-1987	"? (suspect LS93-0375) x IA3005"	1	F6	SCN
9.	SS01-3769	SN94-4337 x na	SCNIII	F5	SCN
10.	U02-210123	UP3YC1S3	PTIIIB	F5	
11.	U02-210318	UP3YC1S3	PTIIIB	F5	
12.	U02-300437	NE3202 x Jilin 35	PTIIIB	F5	
13.	U02-300463	NE3202 x Jilin 35	PTIIIB	F5	

UNIFORM TEST III, 2006

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	<u>Fe Chlorosis</u>		<u>Shattering</u>	<u>PR</u>		<u>PS</u>	<u>FE</u>	<u>SDS</u>
		Score		Score	Lafayette		Lafayette		Carbondale
		Humboldt IA	Granite Falls MN	Ashland KS	Race 4	Race 7	a %	a rx.	IL DX
IA3023 (III)	WLtTDYBII	4.1	3.8	1.0	S	S	1	S	2
IA2065	PTBDYBII	4.0	4.1	1.0	R*	R*	3	S	1
U98-311442 (SCN)	PGTDYIbI	4.4	4.1	1.0	S	S	3	S	9
Macon (L)	WTBDYBII	4.4	4.3	1.0	S	S	6	S	1
AR04-874018	PTTDYBII	4.1	3.5	1.0	S	S	4	S	0
HS3-2840	PGTIYIbI	4.5	4.1	1.0	R*	R*	9	-	2
LD01- 5907	PGTDYBfI	4.3	3.1	1.0	S	S	14	S	1
LS01-1987	PLtBDYLbII	4.6	4.1	1.0	S	S	1	S	0
SS01-3769	WTIIYYI	4.1	3.4	1.0	S	S	2	S	1
U02-210123	WP+GBIYBI+BfI	4.4	4.3	1.0	S	S	7	S	1
U02-210318	PGBDYIbI	4.5	4.0	1.0	S	S	11	S	2
U02-300437	PGBDYGrI	4.5	.	1.0	R*	R*	8	-	8
U02-300463	PGBDYLgrI	4.6	.	1.0	R*	R*	10	-	6

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

PS: % seed discolored

FE: S = susceptible, - = lesions not detected, x = no data

UNIFORM TEST III, 2006

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	16 bu/a	16 No.	15 Date	15 Score	15 In.	16 g/100	13 Score	Protein 9 %	Oil 9 %
IA3023 (III)	62.8	1	9/23	1.7	34	15.3	1.8	33.5	17.4
IA2065	54.6	12	-8.0	1.8	29	14.8	1.9	34.6	19.1
U98-311442 (SCN)	59.8	5	3.1	1.7	34	14.7	2.0	36.2	16.1
Macon (L)	57.6	9	2.7	1.9	35	16.5	1.7	35.5	16.3
AR04-874018	56.2	11	0.7	2.2	36	16.2	2.0	36.4	16.7
HS3-2840	60.7	3	3.3	2.3	37	17.1	2.1	35.9	17.0
LD01- 5907	59.8	5	4.5	1.9	35	13.6	1.8	32.7	17.5
LS01-1987	49.2	13	3.1	1.8	32	14.9	2.1	34.9	15.8
SS01-3769	61.2	2	5.4	1.9	38	15.0	1.9	35.5	16.1
U02-210123	60.2	4	-3.3	2.0	38	13.9	2.0	34.4	16.7
U02-210318	59.5	7	-3.8	1.9	35	15.5	2.1	35.1	17.1
U02-300437	58.6	8	-4.2	2.1	36	16.6	1.9	35.2	17.2
U02-300463	56.4	10	-3.0	2.2	37	16.5	1.9	35.1	17.3

131.2 Days After Planting

UNIFORM TEST III, 2006

2005-2006 2-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	35 bu/a	35 No.	33 Date	32 Score	32 In.	34 g/100	26 Score	Protein 17 %	Oil 17 %
IA3023 (III)	62.3	1	9/21	1.6	33	15.1	1.9	33.8	17.6
IA2065	53.6	5	-7.8	1.7	29	14.9	2.1	35.0	19.4
U98-311442 (SCN)	58.8	2	3.0	1.7	33	14.3	2.0	36.1	16.7
Macon (L)	57.6	3	2.9	1.8	35	16.1	1.9	35.6	17.1
LS01-1987	54.2	4	2.3	1.6	33	14.8	2.1	35.1	16.3

130.6 Days After Planting

UNIFORM TEST III, 2006

YIELD (bu/a)

Strain	Mean 16 Tests	Ames IA	Carlisle IA	Newton IL	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Queenstown MD
IA3023 (III)	62.8		69.7	63.7	75.0	71.3	61.4	61.8	30.9
IA2065	54.6		58.3	48.8	67.7	68.4	56.8	54.7	31.8
U98-311442 (SCN)	59.8		59.9	59.9	72.1	77.1	65.3	51.7	41.7
Macon (L)	57.6		52.7	56.3	65.8	64.2	56.9	51.3	33.8
AR04-874018	56.2		56.6	46.0	63.2	68.9	66.0	44.4	34.3
HS3-2840	60.7		57.2	58.0	67.0	74.5	62.2	58.3	35.3
LD01- 5907	59.8		57.3	50.3	66.8	77.5	59.4	58.7	39.0
LS01-1987	49.2		50.8	55.0	66.4	66.7	63.2	46.5	30.8
SS01-3769	61.2		56.2	58.1	65.4	79.3	63.9	53.9	40.3
U02-210123	60.2		63.9	52.5	68.8	72.1	64.5	56.6	33.9
U02-210318	59.5		66.1	58.0	65.9	78.5	58.5	58.3	42.0
U02-300437	58.6		61.8	50.7	67.8	70.3	60.5	54.5	32.9
U02-300463	56.4		57.7	48.9	68.7	68.1	60.4	60.3	34.1
C.V. (%)			4.2	7.0	5.8	6.1	7.2	7.4	12.1
L.S.D. (5%)			5.4	5.3	5.5	7.4	7.4	6.8	7.2
Row Sp. (in.)		27	27	30	30	26	30	30	24
Rows/Plot		4	4	4	4	4	4	4	4
Reps		2	2	3	3	3	3	3	3

UNIFORM TEST III, 2006

YIELD RANK

Strain	Yield Rank	Ames IA	Carlisle IA	Newton IL	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Queenstown MD
IA3023 (III)	1		1	1	1	7	7	1	12
IA2065	12		6	12	6	10	13	7	11
U98-311442 (SCN)	5		5	2	2	4	2	10	2
Macon (L)	9		12	6	11	13	12	11	9
AR04-874018	11		10	13	13	9	1	13	6
HS3-2840	3		9	5	7	5	6	4	5
LD01- 5907	5		8	10	8	3	10	3	4
LS01-1987	13		13	7	9	12	5	12	13
SS01-3769	2		11	3	12	1	4	9	3
U02-210123	4		3	8	3	6	3	6	8
U02-210318	7		2	4	10	2	11	4	1
U02-300437	8		4	9	5	8	8	8	10
U02-300463	10		7	11	4	11	9	2	7

UNIFORM TEST III, 2006

YIELD (bu/a)

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	DeWitt NE	Goehner NE	Tekamah NE	Hoytville OH	Wooster OH	South Charleston OH
IA3023 (III)	24.7	37.0	39.8	90.8	89.2	67.7	83.2	64.1	74.0
IA2065	20.6	22.9	24.0	84.3	82.8	61.3	67.5	56.9	66.5
U98-311442 (SCN)	28.2	37.8	48.1	76.5	73.9	64.1	70.9	56.7	72.2
Macon (L)	29.0	31.2	48.1	82.8	81.6	61.6	76.3	56.7	73.2
AR04-874018	26.9	39.1	44.2	74.7	80.5	58.8	65.4	60.1	69.8
HS3-2840	28.5	41.4	45.8	83.2	85.1	60.5	83.8	54.8	75.2
LD01- 5907	35.4	48.3	51.9	70.5	86.3	67.6	72.6	55.1	59.8
LS01-1987	15.6	28.0	27.0	62.6	68.2	50.3	64.5	29.3	62.3
SS01-3769	31.8	49.2	51.3	80.5	72.0	65.5	76.5	61.6	73.7
U02-210123	27.0	32.1	42.9	86.4	89.0	62.7	83.7	58.8	68.3
U02-210318	25.4	27.2	37.4	88.0	84.3	66.1	76.6	55.2	64.7
U02-300437	25.6	22.2	29.5	100.4	87.0	64.0	85.7	54.0	70.0
U02-300463	27.2	19.8	27.8	87.4	85.3	54.7	80.7	58.1	63.6
C.V. (%)	9.9	9.4	8.0	7.7	4.5	11.0	9.8	6.3	8.6
L.S.D. (5%)	3.7	5.3	5.4	15.7	9.1	17.0	12.6	5.9	10.4
Row Sp. (in.)	30	30	30	30	30	30	7.5	7.5	15
Rows/Plot	4	2	2	4	4	4	8	8	6
Reps	3	3	3	2	2	2	3	3	3

UNIFORM TEST III, 2006

YIELD RANK

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	DeWitt NE	Goehner NE	Tekamah NE	Hoytville OH	Wooster OH	South Charleston OH
IA3023 (III)	11	6	8	2	1	1	4	1	2
IA2065	12	11	13	6	8	9	11	6	9
U98-311442 (SCN)	5	5	3	10	11	5	10	7	5
Macon (L)	3	8	3	8	9	8	8	8	4
AR04-874018	8	4	6	11	10	11	12	3	7
HS3-2840	4	3	5	7	6	10	2	11	1
LD01- 5907	1	2	1	12	4	2	9	10	13
LS01-1987	13	9	12	13	13	13	13	13	12
SS01-3769	2	1	2	9	12	4	7	2	3
U02-210123	7	7	7	5	2	7	3	4	8
U02-210318	10	10	9	3	7	3	6	9	10
U02-300437	9	12	10	1	3	6	1	12	6
U02-300463	6	13	11	4	5	12	5	5	11

UNIFORM TEST III, 2006

MATURITY (date)

Strain	Mean 15 Tests	Ames IA	Carlisle IA	Newton IL	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Queenstown MD
IA3023 (III)	9/23	10/2	9/30	9/30	9/24	9/29	10/5	10/1	9/29
IA2065	-8.0	-13	-9	-7	-9	-13	-10	-1	-2
U98-311442 (SCN)	3.1	-1	1	1	3	5	1	-2	7
Macon (L)	2.7	0	1	3	5	4	3	0	5
AR04-874018	0.7	-3	0	-1	2	4	0	0	0
HS3-2840	3.3	0	1	5	7	5	1	3	0
LD01- 5907	4.5	1	1	1	5	8	3	-0	4
LS01-1987	3.1	0	-1	3	6	7	2	-2	5
SS01-3769	5.4	3	2	5	6	8	6	1	7
U02-210123	-3.3	-1	-5	-3	0	-4	-3	-3	-4
U02-210318	-3.8	-4	-4	-1	-2	-6	-3	-3	-4
U02-300437	-4.2	-4	-3	-2	-2	-8	-2	-3	-4
U02-300463	-3.0	-1	-2	-1	-1	-7	0	-3	-3
Date Planted	5/15	5/7	5/12	6/5	5/20	5/9	5/28	5/24	6/16
Days to Mature	131	148	141	117	127	143	130	130	105

UNIFORM TEST III, 2006

LODGING (score)

Strain	Mean 15 Tests	Ames IA	Carlisle IA	Newton IL	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Queenstown MD
IA3023 (III)	1.7	2.3	3.8	3.0	1.7	1.0	1.0	1.3	1.0
IA2065	1.8	2.3	3.8	4.0	2.2	1.2	1.7	1.7	1.0
U98-311442 (SCN)	1.7	2.5	3.5	3.0	1.3	1.0	1.0	2.0	1.0
Macon (L)	1.9	3.0	4.3	3.5	1.7	1.0	1.5	1.3	1.0
AR04-874018	2.2	2.8	4.0	4.3	2.5	1.3	2.2	2.3	1.0
HS3-2840	2.3	3.0	4.5	4.5	2.5	1.5	2.2	2.3	1.0
LD01- 5907	1.9	2.5	4.0	3.0	1.7	1.3	1.7	2.0	1.0
LS01-1987	1.8	3.3	4.5	3.2	1.5	1.0	1.3	1.3	1.0
SS01-3769	1.9	2.5	3.8	3.7	1.8	1.0	1.7	1.7	1.0
U02-210123	2.0	2.5	3.8	3.8	1.8	1.2	1.7	2.0	1.0
U02-210318	1.9	2.8	3.8	3.7	1.8	1.0	1.3	1.3	1.0
U02-300437	2.1	3.5	4.0	3.8	2.2	1.3	2.2	1.3	1.0
U02-300463	2.2	2.8	4.5	4.5	2.5	1.5	2.2	2.0	1.0

UNIFORM TEST III, 2006

MATURITY (date)

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	DeWitt NE	Goehner NE	Tekamah NE	Hoytville OH	Wooster OH	South Charleston OH
IA3023 (III)	9/16	9/1	8/22		9/26		9/30	9/22	9/25
IA2065	-8	-6	-4		-10		-11	-9	-9
U98-311442 (SCN)	9	2	8		2		2	4	4
Macon (L)	4	-4	8		0		4	5	3
AR04-874018	2	0	1		0		1	3	1
HS3-2840	5	1	4		4		4	3	6
LD01- 5907	8	7	12		3		5	5	5
LS01-1987	4	-2	3		3		6	6	6
SS01-3769	6	6	9		4		6	5	7
U02-210123	-1	-11	-1		-3		-6	-1	-4
U02-210318	0	-11	0		-5		-7	-2	-6
U02-300437	-7	-11	-1		-3		-5	-3	-7
U02-300463	-3	-11	0		-2		-3	-1	-7
Date Planted	5/8	4/18	4/27	5/18	5/26	5/23	5/9	5/4	5/3
Days to Mature	131	136	117		123		144	141	145

UNIFORM TEST III, 2006

LODGING (score)

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	DeWitt NE	Goehner NE	Tekamah NE	Hoytville OH	Wooster OH	South Charleston OH
IA3023 (III)	1.0	1.5	1.0		2.0		1.6	1.9	1.3
IA2065	1.0	2.0	1.0		1.5		1.2	1.7	1.3
U98-311442 (SCN)	1.0	1.5	1.5		2.0		1.7	1.2	1.5
Macon (L)	1.0	1.5	1.5		2.5		1.6	1.6	1.5
AR04-874018	1.5	1.5	2.0		2.0		1.8	1.9	2.4
HS3-2840	1.5	1.5	1.5		2.0		2.3	1.8	2.7
LD01- 5907	1.0	2.0	2.0		2.0		1.8	1.2	1.7
LS01-1987	1.5	1.0	1.0		2.0		1.3	1.2	1.6
SS01-3769	1.0	1.5	1.0		2.0		1.7	1.8	1.9
U02-210123	1.0	2.5	1.0		2.0		2.2	1.6	2.3
U02-210318	1.5	2.0	1.0		2.0		1.7	1.7	1.4
U02-300437	1.5	2.0	1.5		2.0		1.6	1.9	1.5
U02-300463	1.5	2.0	1.0		2.0		1.7	1.9	2.0

UNIFORM TEST III, 2006

PLANT HEIGHT (inches)

Strain	Mean 15 Tests	Ames IA	Carlisle IA	Newton IL	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Queenstown MD
IA3023 (III)	34	39	44	34	43	39	38	38	21
IA2065	29	31	41	27	36	33	34	39	19
U98-311442 (SCN)	34	37	45	32	42	38	38	44	22
Macon (L)	35	38	46	36	47	42	42	42	23
AR04-874018	36	39	47	36	44	40	42	42	24
HS3-2840	37	37	49	32	45	44	42	46	22
LD01- 5907	35	36	47	32	44	38	39	45	23
LS01-1987	32	34	41	36	43	35	40	40	23
SS01-3769	38	39	48	37	47	44	43	43	22
U02-210123	38	38	47	38	50	44	43	44	23
U02-210318	35	39	45	35	45	40	40	43	24
U02-300437	36	42	48	36	46	42	41	48	21
U02-300463	37	38	50	35	45	43	41	46	23

UNIFORM TEST III, 2006

SEED SIZE (g/100)

Strain	Mean 16 Tests	Ames IA	Carlisle IA	Newton IL	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Queenstown MD
IA3023 (III)	15.3	15.8	15.9	15.4	15.9	14.9	14.6	17.2	11.4
IA2065	14.8	15.6	15.1	14.8	15.6	14.7	15.0	18.1	13.3
U98-311442 (SCN)	14.7	15.2	15.1	16.4	15.4	14.3	15.5	17.9	13.6
Macon (L)	16.5	18.3	18.0	16.8	18.9	16.1	17.4	18.6	14.1
AR04-874018	16.2	17.8	18.1	14.9	19.6	17.0	16.9	18.8	12.7
HS3-2840	17.1	18.1	17.6	18.4	18.5	16.6	17.4	19.1	15.0
LD01- 5907	13.6	14.8	14.7	13.4	15.5	13.8	14.0	15.1	12.0
LS01-1987	14.9	16.4	15.3	15.1	16.7	14.9	15.1	16.3	14.0
SS01-3769	15.0	16.6	16.4	16.0	16.3	15.2	16.3	14.9	12.9
U02-210123	13.9	14.9	14.6	13.8	15.3	13.1	13.9	16.0	11.7
U02-210318	15.5	16.5	16.4	16.9	17.1	15.5	15.2	17.9	13.4
U02-300437	16.6	17.0	16.4	17.7	17.2	17.2	18.2	19.3	13.1
U02-300463	16.5	17.0	16.9	18.3	17.2	16.4	18.3	20.2	12.9

UNIFORM TEST III, 2006

PLANT HEIGHT (inches)

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	DeWitt NE	Goehner NE	Tekamah NE	Hoytville OH	Wooster OH	South Charleston OH
IA3023 (III)	26	21	22		39		33	35	37
IA2065	25	16	19		31		28	29	31
U98-311442 (SCN)	26	22	22		40		33	29	34
Macon (L)	26	22	23		41		33	32	37
AR04-874018	26	23	22		42		35	37	35
HS3-2840	32	25	27		43		37	36	37
LD01- 5907	24	26	26		40		33	31	34
LS01-1987	24	20	21		41		31	23	34
SS01-3769	30	29	27		44		37	39	40
U02-210123	28	22	24		45		39	39	41
U02-210318	27	20	21		39		32	37	38
U02-300437	27	21	21		43		34	37	39
U02-300463	31	20	22		41		37	38	38

UNIFORM TEST III, 2006

SEED SIZE (g/100)

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	DeWitt NE	Goehner NE	Tekamah NE	Hoytville OH	Wooster OH	South Charleston OH
IA3023 (III)	13.0	19.2	13.2		16.0	17.2	15.3	12.8	16.4
IA2065	12.0	17.6	12.7		16.4	15.9	12.9	11.1	15.9
U98-311442 (SCN)	14.0	14.7	12.3		13.4	14.5	13.9	13.3	15.8
Macon (L)	14.0	14.0	13.5		16.8	18.1	16.4	14.9	18.1
AR04-874018	14.0	16.5	11.5		17.3	16.0	17.3	14.0	17.2
HS3-2840	17.0	15.9	13.5		18.0	17.4	17.4	15.1	19.3
LD01- 5907	13.0	13.4	10.1		14.2	13.1	14.1	11.9	15.2
LS01-1987	15.0	15.8	11.5		14.0	13.9	15.5	12.4	16.5
SS01-3769	13.0	14.4	11.1		14.5	14.3	15.0	15.0	17.9
U02-210123	13.0	13.3	11.2		15.1	15.3	13.9	11.3	15.4
U02-210318	13.0	14.7	12.1		17.3	16.6	15.5	13.1	16.8
U02-300437	14.0	17.0	13.1		18.5	19.8	16.8	12.7	18.4
U02-300463	14.0	14.2	11.7		17.7	19.1	17.3	13.8	18.5

UNIFORM TEST III, 2006

SEED QUALITY (score)

Strain	Mean 13 Tests	Ames IA	Carlisle IA	Newton IL	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Queenstown MD
IA3023 (III)	1.8			1.0	2.0	1.0	1.0	2.0	1.3
IA2065	1.9			1.0	2.0	1.0	1.0	3.0	2.2
U98-311442 (SCN)	2.0			2.0	2.0	2.0	1.0	3.0	1.8
Macon (L)	1.7			1.0	2.0	1.5	1.0	3.0	1.8
AR04-874018	2.0			1.0	2.0	1.5	1.0	4.0	2.0
HS3-2840	2.1			2.0	2.0	1.5	1.0	3.0	2.5
LD01- 5907	1.8			2.0	2.0	1.0	1.0	2.0	1.7
LS01-1987	2.1			1.0	2.0	2.0	1.0	3.0	2.5
SS01-3769	1.9			1.0	2.0	2.5	1.0	2.0	1.8
U02-210123	2.0			1.0	2.0	2.0	1.0	3.0	2.0
U02-210318	2.1			2.0	2.0	1.5	1.0	4.0	2.3
U02-300437	1.9			2.0	2.0	1.0	1.0	3.0	2.0
U02-300463	1.9			1.0	2.0	1.5	1.0	3.0	2.2

UNIFORM TEST III, 2006

SEED QUALITY (score)

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	DeWitt NE	Goehner NE	Tekamah NE	Hoytville OH	Wooster OH	South Charleston OH
IA3023 (III)	2.0	4.0	3.0		2.0		1.3	1.3	1.0
IA2065	1.5	4.0	3.0		2.0		1.3	1.3	2.0
U98-311442 (SCN)	2.0	4.0	3.0		2.0		1.3	1.2	1.3
Macon (L)	1.0	3.0	3.0		1.5		1.5	1.3	1.0
AR04-874018	1.5	4.0	3.0		1.5		1.7	1.2	1.4
HS3-2840	1.5	4.0	3.0		2.0		1.8	1.5	1.7
LD01- 5907	1.5	3.0	3.0		2.0		1.6	1.6	1.0
LS01-1987	1.5	3.0	3.0		2.0		2.1	3.3	1.3
SS01-3769	1.5	4.0	3.0		2.0		1.3	1.5	1.3
U02-210123	2.0	4.0	3.0		2.0		1.3	1.3	1.3
U02-210318	1.5	4.0	3.0		2.0		1.6	1.3	1.4
U02-300437	1.5	4.0	3.0		2.0		1.5	1.3	1.0
U02-300463	1.0	3.0	3.0		2.5		1.7	1.5	1.6

UNIFORM TEST III, 2006

PROTEIN (%)

Strain	Mean 9 Tests	Carlisle IA	Urbana IL	Newton IL	Lafayette IN	Wanatah IN	Ashland KS	Columbia MO	Goehner NE	Wooster OH
IA3023 (III)	33.5	32.9	33.7	34.1	33.4	33.8	35.6	35.3	31.3	31.3
IA2065	34.6	35.2	34.3	35.1	34.2	33.7	37.1	32.8	34.4	34.8
U98-311442 (SCN)	36.2	35.7	36.3	35.2	37.6	34.7	37.7	39.3	34.7	34.6
Macon (L)	35.5	35.2	36.2	35.1	36.2	35.6	37.0	36.2	33.8	34.3
AR04-874018	36.4	35.9	38.2	35.7	36.1	36.5	38.2	36.2	36.0	34.8
HS3-2840	35.9	35.1	35.7	35.3	36.4	35.2	37.9	37.7	35.3	34.6
LD01- 5907	32.7	33.0	33.8	32.4	33.6	32.2	34.7	33.8	31.3	29.3
LS01-1987	34.9	33.9	33.9	34.8	35.4	35.2	35.8	37.5	33.5	34.1
SS01-3769	35.5	34.8	35.7	34.9	36.0	35.4	36.3	36.6	34.1	35.3
U02-210123	34.4	33.9	34.2	36.1	33.9	34.6	36.7	34.6	32.9	33.2
U02-210318	35.1	34.3	35.4	35.3	34.6	34.9	37.9	35.0	34.5	34.2
U02-300437	35.2	34.7	35.0		34.0	34.7	37.9	36.2	33.8	35.1
U02-300463	35.1	34.9	33.8	35.1	33.9	35.6	37.7	36.2	34.3	34.8

* Protein and Oil values converted to 13% moisture basis.

UNIFORM TEST III, 2006

OIL (%)

Strain	Mean 9 Tests	Carlisle IA	Urbana IL	Newton IL	Lafayette IN	Wanatah IN	Ashland KS	Columbia MO	Goehner NE	Wooster OH
IA3023 (III)	17.4	17.5	17.7	17.7	17.1	16.7	16.0	17.7	18.1	17.9
IA2065	19.1	18.6	19.3	19.1	19.5	19.4	17.6	20.6	19.1	18.5
U98-311442 (SCN)	16.1	15.7	16.5	17.2	14.9	16.5	15.2	16.1	16.3	16.4
Macon (L)	16.3	15.9	16.5	16.7	16.0	15.9	15.6	16.9	16.5	16.3
AR04-874018	16.7	16.5	17.5	17.1	16.8	16.0	15.7	18.0	16.1	17.0
HS3-2840	17.0	17.4	16.9	17.6	17.2	16.9	15.8	17.4	16.7	17.2
LD01- 5907	17.5	16.9	17.8	17.9	16.9	17.1	16.5	18.0	17.6	18.3
LS01-1987	15.8	16.6	16.3	16.0	15.1	15.2	15.6	15.9	15.8	15.7
SS01-3769	16.1	16.0	16.1	16.4	16.3	15.9	15.5	16.5	16.2	16.2
U02-210123	16.7	17.0	17.2	16.1	17.2	16.4	15.6	17.5	16.9	16.7
U02-210318	17.1	17.6	17.2	17.6	17.1	17.0	15.3	17.9	16.9	17.0
U02-300437	17.2	16.7	16.7		18.8	17.3	16.3	17.6	17.5	16.7
U02-300463	17.3	17.2	17.9	18.2	18.2	17.0	15.7	17.4	17.2	17.0

Preliminary Test IIIA, 2006

Ent.	Strain	Parentage	Gen. Comp.	Unique Traits
1.	IA3023 (III)	Dairyland DSR-365 x Pioneer P9381	F5	
2.	IA2065			2% linolenic
3.	U98-311442 (SCN)	A94-773014 x Bell	F5	SCN
4.	Macon (L)	Sherman x Resnik	F5	
5.	IA3024	A97-553017 x Pioneer YB33A99		1% linolenic
6.	A05-212031	A01-611037 x Syngenta S16-Y6	F4	
7.	A05-212040	AgriPro XC32Y06 x A00-711020	F4	SCN
8.	A05-311008	A01-512036 x Pioneer 91B42	F4	SCN, Rps1-k ?
9.	A05-311019	A01-612043 x AgriPro X9919A25	F4	
10.	A05-311025	IA3023 x A00-711003	F4	SCN
11.	A05-311029	AgriPro X9919A25 x A01-612016	F4	
12.	A05-312014	Dairyland 99433 x A01-409003	F4	
13.	A05-312016	Dairyland 99433 x A01-409003	F4	
14.	A05-312025	Dairyland 99433 x A01-409003	F4	
15.	A05-312042	A01-612043 x AgriPro X9919A25	F4	
16.	A05-313017	AgriPro XC32Y06 x B01817B006	F4	1% linolenic
17.	A05-313025	Dairyland 98638 x B01817B006	F4	1% linolenic
18.	A05-314007	Dairyland 99433 x IA3017	F4	1% linolenic
19.	A05-314009	Dairyland 99433 x IA3017	F4	1% linolenic
20.	A05-314015	AgriPro XC29B34 x IA3017	F4	1% linolenic
21.	HS3-2324	U97-3114 x HS97-5261	F5	
22.	HS3-2669	U97-3114 x HS97-5261	F5	
23.	HS4-2965	A98-980047 x Kottman	F5	
24.	HS4-2973	A98-980047 x Kottman	F5	
25.	HS4-3038	A98-980047 x Kottman	F5	
26.	HS4-3189	A98-980047 x Kottman	F5	
27.	HS4-3202	A98-980047 x Kottman	F5	
28.	HS4-3203	A98-980047 x Kottman	F5	

PRELIMINARY TEST IIIA, 2006

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	<u>Chlorosis</u>	<u>Green Stem</u>	<u>Shattering</u>	<u>PR</u>		<u>PS</u>	<u>FE</u>
		Score	Score	Score	Lafayette		Lafayette	
		Humboldt IA	Lafayette IN	Ashland KS	Race 4	Race 7	a %	a rx.
IA3023 (III)	WLtTDYBII	4.1	1.0	1.0	S	S	1	S
IA2065	PTBDYBII	4.0	1.0	1.0	R*	R*	3	S
U98-311442 (SCN)	PGTDYIbI	4.4	2.0	1.0	S	S	3	S
Macon (L)	WTBDYBII	4.4	1.0	1.0	S	S	6	S
IA3024	PLtTDYIbI	4.3	1.0	1.0	R*	R*	3	S
A05-212031	PGBDYYI	4.4	2.0	1.0	S	S	0	S
A05-212040	PWTGBIYBL+YI	4.4	1.0	1.0	S	H*	1	S
A05-311008	PGBDYYI	4.6	1.0	1.0	R	R	4	S
A05-311019	WTTDYYI	4.4	2.0	1.0	S	S	1	S
A05-311025	PSBDYYI	4.1	1.0	1.0	S	S	3	S
A05-311029	PGBIYYI	4.4	1.0	1.0	S	S	0	S
A05-312014	PTTDYYI	4.4	1.0	1.0	S	S	1	S
A05-312016	PTTDYYI	4.1	1.0	1.0	S	S	0	-
A05-312025	PLtBDYYI	4.5	1.0	1.0	S	S	14	S
A05-312042	WLtBDYYI	4.5	2.0	1.0	S	S	1	S
A05-313017	P+WLtBDYBI+BrI	4.6	1.0	1.0	R*	R*	1	S
A05-313025	P+WLtBDYBII	4.3	1.0	1.0	R*	R*	0	S
A05-314007	PLtBDYYI	4.5	1.0	1.0	H*	H*	3	S
A05-314009	PTTDYYI	4.5	1.0	1.0	S	S	2	S
A05-314015	PT+GBDYBI+IbI	4.8	1.0	1.0	R*	R*	9	S
HS3-2324	WLtTDYBII	4.9	1.0	1.0	R*	R*	3	S
HS3-2669	PGTIYIbI	4.6	1.0	1.0	R*	R*	0	-
HS4-2965	WLtTDYBII	4.3	1.0	1.0	R*	R*	4	S
HS4-2973	PLtTDYBII	4.3	1.0	1.0	H*	H*	4	S
HS4-3038	WLtTDYBII	4.4	1.0	1.0	R*	R*	8	S
HS4-3189	WLtSDYLbrI	4.6	1.0	1.0	R*	R*	11	S
HS4-3202	WLtTDYBr+BII	4.5	1.0	1.0	R*	R*	10	S
HS4-3203	WLtSIYBr+BII	4.8	1.0	1.0	R*	R*	5	S

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

PS: % seed discolored

FE: S = susceptible, - = lesions not detected, x = no data

PRELIMINARY TEST IIIA, 2006

REGIONAL SUMMARY

No. of Tests Strain	Yield 9 bu/a	Rank 9 No.	Maturity 9 Date	Lodging 8 Score	Plant Height 8 In.	Seed Size 9 g/100	Seed Quality 7 Score	<u>Composition</u>	
								Protein 6 %	Oil 6 %
IA3023 (III)	76.1	1	9/28	2.0	38	16.0	1.7	33.3	17.2
IA2065	67.2	17	-8.8	2.2	34	15.6	1.8	35.0	18.7
U98-311442 (SCN)	64.3	22	1.8	1.9	39	14.6	2.0	35.4	16.2
Macon (L)	64.3	22	1.9	2.0	40	17.3	2.0	35.2	16.2
IA3024	69.2	5	-4.6	2.0	39	16.2	1.8	33.4	17.9
A05-212031	63.3	26	2.5	2.4	40	20.1	2.0	35.8	16.2
A05-212040	66.2	20	-4.4	1.8	36	15.2	1.6	35.5	16.7
A05-311008	61.1	28	-1.0	2.6	40	15.7	1.7	35.6	17.3
A05-311019	62.1	27	1.7	2.1	42	16.0	2.0	35.6	15.5
A05-311025	67.4	15	-0.5	2.0	40	15.6	2.0	34.4	17.0
A05-311029	68.9	7	1.2	2.6	39	14.6	1.7	36.8	16.2
A05-312014	68.1	12	-0.9	2.5	39	15.1	2.2	36.6	16.2
A05-312016	67.3	16	-1.2	2.7	40	15.0	1.9	36.3	15.8
A05-312025	72.5	2	1.7	2.7	42	16.5	1.8	35.2	16.1
A05-312042	64.1	25	1.9	2.1	43	15.8	2.0	35.4	15.7
A05-313017	72.2	3	0.4	2.0	38	14.4	1.6	35.9	18.1
A05-313025	68.9	7	-0.4	2.2	39	13.7	1.7	35.3	17.5
A05-314007	64.2	24	-0.2	2.2	40	17.5	2.1	36.4	15.6
A05-314009	67.1	18	-0.2	2.0	40	16.4	2.1	35.1	16.0
A05-314015	65.8	21	1.2	1.8	42	15.7	1.5	35.1	16.7
HS3-2324	68.4	10	-4.5	1.8	38	16.4	1.8	36.0	17.0
HS3-2669	69.1	6	0.7	2.1	41	17.9	2.2	35.0	16.9
HS4-2965	67.5	14	-1.8	2.0	40	17.1	1.7	35.6	16.7
HS4-2973	67.8	13	-0.2	1.9	41	16.4	1.8	35.0	16.7
HS4-3038	66.7	19	0.4	1.9	40	16.9	1.5	35.8	16.2
HS4-3189	68.4	10	2.7	2.1	41	15.8	1.8	36.3	16.2
HS4-3202	68.7	9	1.3	2.1	41	15.5	1.7	36.4	15.9
HS4-3203	71.6	4	1.9	2.3	43	15.6	1.7	36.5	15.7

136.0 Days After Planting

PRELIMINARY TEST IIIA, 2006

YIELD (bu/a)

Strain	Mean 9 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS	Dewitt NE	Goehner NE	Tekamah NE	Hoytville OH	South Charleston OH
IA3023 (III)	76.1		69.7	77.4	75.1	67.5	87.8	89.9	73.8	74.3	69.1
IA2065	67.2		58.3	69.7	73.1	53.0	78.4	85.7	56.0	70.8	60.0
U98-311442 (SCN)	64.3		59.9	71.6	72.1	44.6	67.0	73.4	60.1	66.0	63.7
Macon (L)	64.3		52.7	65.8	66.1	53.8	66.7	81.2	63.0	62.3	67.4
IA3024	69.2		66.2	69.8	72.8	48.1	79.9	89.3	64.3	65.1	67.0
A05-212031	63.3		58.8	67.9	65.7	48.7	67.5	78.1	52.0	66.0	64.7
A05-212040	66.2		63.4	68.0	70.8	53.0	68.3	85.1	60.3	66.0	60.9
A05-311008	61.1		53.4	68.7	66.6	41.3	63.7	75.2	54.4	71.2	55.6
A05-311019	62.1		59.8	68.0	63.1	47.3	70.7	74.6	51.2	58.5	66.2
A05-311025	67.4		64.6	72.3	66.8	54.8	67.9	83.8	57.8	73.0	65.2
A05-311029	68.9		58.9	69.2	69.8	51.3	79.6	86.2	62.0	77.5	65.3
A05-312014	68.1		66.9	70.9	72.8	54.3	75.7	79.3	60.2	64.4	68.6
A05-312016	67.3		62.5	68.9	73.1	54.8	75.9	85.1	60.2	64.8	60.9
A05-312025	72.5		67.4	75.7	77.6	56.3	81.9	81.8	63.4	77.0	71.3
A05-312042	64.1		57.2	72.9	69.5	42.6	70.9	71.5	55.3	67.7	69.1
A05-313017	72.2		59.4	69.1	74.4	61.7	81.0	86.4	67.8	78.5	71.7
A05-313025	68.9		64.1	71.4	73.4	52.4	72.2	80.4	65.4	70.9	70.3
A05-314007	64.2		63.2	69.8	70.7	44.4	66.6	77.2	54.4	73.6	58.1
A05-314009	67.1		62.3	71.2	67.7	54.3	81.1	79.3	54.8	63.5	69.3
A05-314015	65.8		58.7	66.3	72.9	57.9	69.6	76.0	56.1	70.5	64.6
HS3-2324	68.4		63.9	73.5	73.8	60.4	69.8	81.1	52.4	75.0	65.9
HS3-2669	69.1		62.3	68.7	71.8	55.7	73.4	80.1	64.6	77.5	67.9
HS4-2965	67.5		60.2	69.6	72.8	50.6	74.8	80.3	63.6	72.1	63.1
HS4-2973	67.8		60.3	68.4	71.5	50.2	74.7	82.9	58.3	78.2	66.0
HS4-3038	66.7		58.5	72.2	72.7	51.8	78.7	79.0	58.9	60.8	67.5
HS4-3189	68.4		61.7	68.8	69.1	56.4	72.7	82.1	57.2	78.4	69.3
HS4-3202	68.7		59.3	73.5	76.8	59.9	69.9	81.2	63.2	73.5	60.7
HS4-3203	71.6		62.1	75.9	76.8	61.5	82.8	74.9	57.4	81.1	71.7
C.V. (%)			6.1	3.7	4.8	4.1	5.8	5.4	6.0	13.8	7.2
L.S.D. (5%)			7.7	4.4	7.0	5.0	10.5	10.8	8.8	20.0	10.3
Row Sp. (In.)		27	27	30	26	30	30	30	30	7.5	15
Rows/Plot		4	4	4	4	4	4	4	4	8	6
Reps		2	2	2	2	2	2	2	2	2	2

PRELIMINARY TEST IIIA, 2006

YIELD RANK

Strain	Yield Rank	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS	Dewitt NE	Goehner NE	Tekamah NE	Hoytville OH	South Charleston OH
IA3023 (III)	1		1	1	4	1	1	1	1	9	7
IA2065	17		25	15	8	15	9	5	21	16	26
U98-311442 (SCN)	22		17	9	15	25	25	27	14	20	21
Macon (L)	22		28	28	26	14	26	12	9	26	12
IA3024	5		4	13	11	23	6	2	5	22	13
A05-212031	26		22	26	27	22	24	21	27	21	19
A05-212040	20		8	25	18	15	22	6	11	19	23
A05-311008	28		27	21	25	28	28	24	24	14	28
A05-311019	27		18	24	28	24	18	26	28	28	14
A05-311025	15		5	7	24	10	23	8	17	12	18
A05-311029	7		21	17	20	19	7	4	10	5	17
A05-312014	12		3	12	11	12	11	18	12	24	9
A05-312016	16		10	19	8	10	10	6	12	23	23
A05-312025	2		2	3	1	8	3	11	7	7	3
A05-312042	25		26	6	21	27	17	28	22	18	7
A05-313017	3		19	18	5	2	5	3	2	2	1
A05-313025	7		6	10	7	17	16	15	3	15	4
A05-314007	24		9	14	19	26	27	22	24	10	27
A05-314009	18		11	11	23	12	4	18	23	25	5
A05-314015	21		23	27	10	6	21	23	20	17	20
HS3-2324	10		7	5	6	4	20	14	26	8	16
HS3-2669	6		11	22	16	9	14	17	4	6	10
HS4-2965	14		16	16	11	20	12	16	6	13	22
HS4-2973	13		15	23	17	21	13	9	16	4	15
HS4-3038	19		24	8	14	18	8	20	15	27	11
HS4-3189	10		14	20	22	7	15	10	19	3	5
HS4-3202	9		20	4	2	5	19	12	8	11	25
HS4-3203	4		13	2	2	3	2	25	18	1	1

PRELIMINARY TEST IIIA, 2006

MATURITY (date)

Strain	Mean 9 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS	Dewitt NE	Goehner NE	Tekamah NE	Hoytville OH	South Charleston OH
IA3023 (III)	9/28	10/2	9/30	9/25	9/29	10/1	9/24	9/26		10/3	9/24
IA2065	-8.8	-13	-9	-9	-13	-2	-2	-10		-15	-7
U98-311442 (SCN)	1.8	-1	1	2	5	-2	3	2		2	4
Macon (L)	1.9	0	1	4	5	-2	0	1		4	4
IA3024	-4.6	-7	-6	-3	-7	-2	-3	-3		-6	-4
A05-212031	2.5	1	2	6	4	1	4	3		-1	3
A05-212040	-4.4	-6	-7	-3	-7	-3	-1	-4		-4	-6
A05-311008	-1.0	-4	-2	2	0	-3	0	-1		-2	-0
A05-311019	1.7	0	-1	1	6	0	1	1		3	4
A05-311025	-0.5	-4	-4	1	0	-2	1	0		0	3
A05-311029	1.2	0	1	1	3	-1	0	-1		1	7
A05-312014	-0.9	-2	-2	-1	0	-0	1	1		-4	-1
A05-312016	-1.2	-3	-2	-1	-2	0	1	0		-1	-4
A05-312025	1.7	0	-1	2	3	-0	2	3		1	6
A05-312042	1.9	1	0	1	6	-0	3	0		2	4
A05-313017	0.4	-3	-2	2	1	2	1	0		-2	3
A05-313025	-0.4	-1	-1	1	3	-3	0	-2		-3	2
A05-314007	-0.2	-2	-3	0	0	4	1	-2		-2	2
A05-314009	-0.2	-1	-2	3	1	-1	0	2		-3	-0
A05-314015	1.2	-1	-1	4	4	-2	1	-1		1	5
HS3-2324	-4.5	-8	-6	-3	-6	-5	-2	-4		-4	-3
HS3-2669	0.7	-1	1	-1	2	-1	2	2		1	2
HS4-2965	-1.8	-5	-3	-1	-1	-4	-1	-1		-2	1
HS4-2973	-0.2	-1	-3	2	0	-3	-1	0		0	4
HS4-3038	0.4	-2	-1	2	2	-1	1	0		1	2
HS4-3189	2.7	0	-2	5	6	-2	1	3		4	9
HS4-3202	1.3	0	-1	3	5	-2	0	1		2	3
HS4-3203	1.9	-1	-1	5	6	-2	0	1		2	6
Date Planted	5/15	5/7	5/12	5/20	5/9	5/25	5/18	5/26	5/23	5/9	5/3
Days to Mature	136	148	141	128	143	129	129	123		147	144

PRELIMINARY TEST IIIA, 2006

LODGING (score)

Strain	Mean 8 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS	Dewitt NE	Goehner NE	Tekamah NE	Hoytville OH	South Charleston OH
IA3023 (III)	2.0	2.3	3.8	1.8	1.0	2.0		2.0		1.4	2.0
IA2065	2.2	2.3	3.8	2.5	1.0	2.5		2.0		1.2	2.3
U98-311442 (SCN)	1.9	2.5	3.5	1.8	1.0	1.5		2.0		1.3	1.8
Macon (L)	2.0	3.0	4.3	1.8	1.0	1.5		2.0		1.3	1.5
IA3024	2.0	2.3	3.5	2.0	1.0	2.0		2.0		1.3	1.9
A05-212031	2.4	3.0	4.3	2.3	1.0	3.0		2.5		1.3	1.9
A05-212040	1.8	2.3	3.0	1.5	1.0	1.5		2.0		1.3	1.6
A05-311008	2.6	2.8	4.8	2.3	1.5	3.0		3.0		1.5	2.2
A05-311019	2.1	2.5	4.0	1.8	1.0	2.0		2.0		1.4	1.9
A05-311025	2.0	2.5	3.8	1.5	1.0	2.0		2.0		1.4	1.7
A05-311029	2.6	2.8	4.8	2.0	1.3	3.0		2.5		1.4	2.9
A05-312014	2.5	2.8	4.0	2.3	1.0	3.5		3.0		1.6	2.1
A05-312016	2.7	3.0	4.5	2.8	1.3	3.0		3.0		1.4	2.5
A05-312025	2.7	2.8	4.3	2.8	1.5	3.0		3.0		1.8	2.6
A05-312042	2.1	2.5	4.3	1.8	1.0	2.0		2.0		1.4	1.9
A05-313017	2.0	2.5	4.0	2.0	1.0	2.0		2.0		1.3	1.3
A05-313025	2.2	2.0	4.3	1.8	1.0	3.5		2.0		1.2	2.0
A05-314007	2.2	2.8	4.0	2.0	1.0	2.0		2.0		1.6	1.8
A05-314009	2.0	2.5	3.8	2.0	1.0	2.0		2.0		1.3	1.8
A05-314015	1.8	2.5	3.3	1.8	1.0	1.0		2.0		1.4	1.6
HS3-2324	1.8	2.3	3.5	1.5	1.0	1.0		2.0		1.5	1.7
HS3-2669	2.1	2.8	4.0	1.5	1.0	2.0		2.0		1.4	1.9
HS4-2965	2.0	2.3	3.8	1.8	1.0	2.0		2.0		1.3	1.6
HS4-2973	1.9	2.5	3.8	1.8	1.0	1.0		2.0		1.5	1.9
HS4-3038	1.9	2.5	3.5	2.0	1.0	1.0		2.0		1.3	1.7
HS4-3189	2.1	3.0	4.0	1.8	1.0	1.5		2.0		1.4	2.0
HS4-3202	2.1	2.5	3.8	2.0	1.0	2.0		2.0		1.4	2.0
HS4-3203	2.3	3.0	3.8	2.0	1.0	2.5		2.0		1.5	2.4

PRELIMINARY TEST IIIA, 2006

PLANT HEIGHT (inches)

Strain	Mean 8 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS	Dewitt NE	Goehner NE	Tekamah NE	Hoytville OH	South Charleston OH
IA3023 (III)	38	39	44	44	40	41		39		27	33
IA2065	34	31	41	37	34	38		32		27	30
U98-311442 (SCN)	39	37	45	44	40	40		41		29	33
Macon (L)	40	38	46	48	40	43		41		29	36
IA3024	39	37	43	43	39	46		39		29	34
A05-212031	40	44	47	43	41	42		38		30	37
A05-212040	36	32	42	41	38	42		36		27	32
A05-311008	40	38	43	45	44	47		39		33	36
A05-311019	42	41	50	47	39	47		40		35	37
A05-311025	40	38	45	46	42	43		41		33	35
A05-311029	39	37	42	43	37	41		42		30	37
A05-312014	39	38	45	46	41	41		40		28	35
A05-312016	40	38	47	43	39	44		39		30	37
A05-312025	42	37	49	46	42	48		43		33	37
A05-312042	43	43	49	46	45	45		42		35	38
A05-313017	38	35	43	44	39	41		41		30	31
A05-313025	39	38	45	44	39	45		40		32	33
A05-314007	40	39	43	44	42	44		41		30	34
A05-314009	40	40	46	46	42	44		42		29	33
A05-314015	42	43	47	49	43	46		43		33	37
HS3-2324	38	37	44	42	38	43		38		29	34
HS3-2669	41	39	47	44	41	43		40		33	37
HS4-2965	40	39	47	44	43	41		43		31	34
HS4-2973	41	37	47	44	43	46		44		32	37
HS4-3038	40	40	46	45	41	43		42		26	35
HS4-3189	41	39	48	45	44	44		43		31	34
HS4-3202	41	39	49	45	44	44		43		32	36
HS4-3203	43	41	48	49	44	49		43		32	36

PRELIMINARY TEST IIIA, 2006

SEED SIZE (g/100)

Strain	Mean 9 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS	Dewitt NE	Goehner NE	Tekamah NE	Hoytville OH	South Charleston OH
IA3023 (III)	16.0	15.8	15.9	17.3	14.7	16.9		15.2	16.9	14.6	16.7
IA2065	15.6	15.6	15.1	15.5	14.4	18.6		16.5	15.9	13.9	15.1
U98-311442 (SCN)	14.6	15.2	15.1	15.3	13.7	15.3		13.7	14.5	13.9	15.1
Macon (L)	17.3	18.3	18.0	17.6	16.6	18.6		16.4	16.7	16.6	16.8
IA3024	16.2	16.4	15.5	17.5	14.3	17.9		16.7	16.2	15.1	16.4
A05-212031	20.1	20.2	20.4	21.4	19.3	20.3		20.0	19.1	18.8	21.1
A05-212040	15.2	16.1	14.7	15.5	13.8	16.4		15.7	15.0	14.6	15.1
A05-311008	15.7	16.5	16.6	15.3	13.7	16.5		15.8	14.4	15.4	16.8
A05-311019	16.0	16.3	15.6	16.8	15.0	16.8		15.0	15.1	15.4	17.7
A05-311025	15.6	16.7	16.2	15.7	14.1	17.6		14.8	14.8	14.8	15.6
A05-311029	14.6	14.4	15.0	15.4	12.1	15.4		14.5	14.7	14.5	15.5
A05-312014	15.1	16.0	15.4	14.8	14.2	15.7		15.2	15.1	13.8	15.6
A05-312016	15.0	15.2	15.0	14.3	13.7	16.7		15.0	15.0	14.2	15.8
A05-312025	16.5	16.7	16.6	16.9	15.9	17.0		16.0	14.8	16.8	17.9
A05-312042	15.8	15.8	16.0	16.7	13.7	16.7		15.4	15.2	15.2	17.2
A05-313017	14.4	14.4	14.0	14.5	13.9	15.7		14.5	14.3	13.4	14.9
A05-313025	13.7	14.0	14.1	14.7	13.8	13.7		13.3	13.2	12.7	14.1
A05-314007	17.5	17.2	17.0	17.3	17.1	18.3		17.8	17.4	16.9	18.2
A05-314009	16.4	16.7	16.0	17.2	16.2	18.2		16.9	14.1	15.6	16.7
A05-314015	15.7	16.3	15.9	15.7	14.6	16.0		15.7	15.2	15.4	16.5
HS3-2324	16.4	16.4	16.1	16.6	16.3	16.9		16.8	16.7	15.2	17.0
HS3-2669	17.9	17.8	18.5	18.3	17.5	18.7		17.5	17.2	17.4	18.4
HS4-2965	17.1	17.7	16.7	17.9	16.0	19.2		16.8	17.0	15.9	17.0
HS4-2973	16.4	16.6	15.8	16.8	15.1	18.4		15.0	15.0	18.0	17.0
HS4-3038	16.9	16.9	16.4	17.7	17.4	17.7		16.6	15.5	15.8	18.3
HS4-3189	15.8	15.5	15.5	16.7	15.5	17.3		14.8	14.4	15.3	16.9
HS4-3202	15.5	15.5	15.3	16.4	14.9	17.0		15.3	14.6	14.8	16.2
HS4-3203	15.6	15.9	14.8	16.4	15.3	17.1		14.5	15.3	14.7	16.5

PRELIMINARY TEST IIIA, 2006

SEED QUALITY (score)

Strain	Mean 7 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS	Dewitt NE	Goehner NE	Tekamah NE	Hoytville OH	South Charleston OH
IA3023 (III)	1.7			1.0	1.0	2.0		2.0	3.5	1.4	1.0
IA2065	1.8			1.0	1.0	3.0		2.0	3.0	1.3	1.5
U98-311442 (SCN)	2.0			2.0	2.0	2.0		2.5	3.0	1.3	1.4
Macon (L)	2.0			2.0	1.5	2.0		2.0	3.5	1.3	1.5
IA3024	1.8			1.0	1.0	3.0		2.5	2.0	2.1	1.2
A05-212031	2.0			2.0	1.5	2.0		2.5	3.0	1.9	1.3
A05-212040	1.6			1.0	1.0	2.0		2.5	1.0	2.1	1.7
A05-311008	1.7			2.0	2.0	2.0		1.5	2.0	1.3	1.3
A05-311019	2.0			2.0	2.0	2.0		2.5	2.0	2.4	1.2
A05-311025	2.0			2.0	1.5	2.0		2.5	3.0	1.5	1.5
A05-311029	1.7			1.0	1.5	2.0		2.0	2.5	1.6	1.2
A05-312014	2.2			2.0	1.0	3.0		2.0	4.0	2.1	1.2
A05-312016	1.9			2.0	1.5	3.0		1.5	2.0	1.4	1.6
A05-312025	1.8			2.0	1.5	2.0		2.0	2.0	1.6	1.5
A05-312042	2.0			2.0	1.5	3.0		2.5	2.0	1.7	1.3
A05-313017	1.6			1.0	1.0	2.0		2.0	2.5	1.3	1.5
A05-313025	1.7			1.0	1.0	2.0		2.0	3.0	1.4	1.3
A05-314007	2.1			2.0	1.5	4.0		2.0	2.0	1.3	2.0
A05-314009	2.1			2.0	1.5	2.0		2.0	4.0	1.8	1.6
A05-314015	1.5			1.0	1.0	2.0		2.0	2.0	1.5	1.2
HS3-2324	1.8			1.0	1.0	3.0		2.5	2.0	1.8	1.4
HS3-2669	2.2			2.0	1.0	4.0		2.0	3.0	1.7	1.4
HS4-2965	1.7			1.0	1.0	3.0		1.5	3.0	1.4	1.2
HS4-2973	1.8			2.0	1.0	2.0		2.0	3.0	1.3	1.5
HS4-3038	1.5			1.0	1.0	2.0		2.0	2.0	1.6	1.2
HS4-3189	1.8			2.0	1.0	2.0		2.0	2.0	1.3	2.1
HS4-3202	1.7			2.0	1.0	2.0		2.0	2.0	1.3	1.5
HS4-3203	1.7			2.0	1.0	2.0		2.0	2.0	1.4	1.3

PRELIMINARY TEST IIIA, 2006

PROTEIN (%)

Strain	Mean 6 Tests	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS	Goehner NE	Hoytville OH
IA3023 (III)	33.3	33.5	32.7	32.9	36.2	32.8	31.6
IA2065	35.0	34.9	34.1	34.2	38.5	35.2	32.9
U98-311442 (SCN)	35.4	35.2	34.5	36.8	37.3	34.6	34.3
Macon (L)	35.2	34.8	35.1	35.3	37.1	33.9	34.9
IA3024	33.4	33.2	33.3	32.7	36.7	32.5	31.9
A05-212031	35.8	35.4	35.2	36.5	37.8	35.9	34.1
A05-212040	35.5	34.7	35.2	36.4	37.6	34.7	34.1
A05-311008	35.6	35.3	34.1	35.5	37.8	36.4	34.6
A05-311019	35.6	35.2	34.2	36.3	37.6	35.7	34.3
A05-311025	34.4	32.4	34.4	34.6	37.2	34.3	33.6
A05-311029	36.8	37.0	35.5	37.8	38.5	36.1	35.7
A05-312014	36.6	36.2	35.8	37.2	38.7	36.7	34.8
A05-312016	36.3	36.9	35.0	37.8	37.8	36.4	34.1
A05-312025	35.2	35.0	34.3	36.1	36.7	34.9	34.4
A05-312042	35.4	35.6	33.8	36.2	37.5	34.8	34.3
A05-313017	35.9	35.1	35.6	35.9	38.7	35.7	34.3
A05-313025	35.3	35.9	34.8	36.5	37.2	34.6	32.7
A05-314007	36.4	35.4	35.0	37.6	38.9	36.1	35.7
A05-314009	35.1	34.0	34.7	36.3	37.8	35.0	33.0
A05-314015	35.1	35.2	35.3	35.9	36.5	34.4	33.4
HS3-2324	36.0	35.8	35.8	37.4	37.5	34.6	34.7
HS3-2669	35.0	34.7	34.6	36.6	38.0	33.5	32.7
HS4-2965	35.6	35.3	35.0	36.3	38.9	35.3	32.8
HS4-2973	35.0	35.3	34.9	35.1	37.4	33.7	33.4
HS4-3038	35.8	34.3	35.6	36.3	39.3	35.5	33.7
HS4-3189	36.3	34.8	36.6	37.8	38.7	35.2	34.7
HS4-3202	36.4	35.3	36.4	37.4	39.1	35.2	34.8
HS4-3203	36.5	36.1	36.2	38.5	38.9	35.2	34.3

* Protein and Oil values converted to 13% moisture basis.

PRELIMINARY TEST IIIA, 2006

OIL (%)

Strain	Mean 6 Tests	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS	Goehner NE	Hoytville OH
IA3023 (III)	17.2	17.0	17.9	17.4	15.7	17.3	17.8
IA2065	18.7	17.8	19.1	19.8	17.4	19.1	19.4
U98-311442 (SCN)	16.2	16.0	16.7	15.9	15.9	16.6	16.3
Macon (L)	16.2	16.3	16.7	16.3	15.4	16.6	15.9
IA3024	17.9	17.9	18.1	18.6	16.3	18.1	18.2
A05-212031	16.2	16.4	16.5	16.3	15.4	16.2	16.5
A05-212040	16.7	17.3	17.1	16.3	15.9	17.1	16.9
A05-311008	17.3	17.4	18.2	17.5	16.9	16.8	16.9
A05-311019	15.5	15.3	16.3	15.5	14.7	15.4	15.7
A05-311025	17.0	17.7	17.1	17.1	16.0	16.6	17.3
A05-311029	16.2	16.3	16.9	15.9	15.7	16.7	16.0
A05-312014	16.2	16.3	16.5	16.2	15.4	16.3	16.5
A05-312016	15.8	15.6	16.0	15.8	15.3	15.9	16.4
A05-312025	16.1	16.5	16.6	15.7	15.3	15.8	16.4
A05-312042	15.7	15.4	16.8	15.4	14.8	15.6	16.3
A05-313017	18.1	18.0	18.4	18.6	17.0	17.9	18.7
A05-313025	17.5	17.0	17.6	17.4	16.9	18.0	18.3
A05-314007	15.6	16.0	16.6	15.5	14.3	15.5	16.0
A05-314009	16.0	16.5	16.5	16.1	14.2	16.0	16.8
A05-314015	16.7	16.5	16.5	16.9	16.3	16.9	17.2
HS3-2324	17.0	17.0	17.5	16.8	15.9	17.8	16.9
HS3-2669	16.9	16.8	17.3	17.0	15.5	17.4	17.6
HS4-2965	16.7	16.8	17.2	16.2	15.7	16.7	17.4
HS4-2973	16.7	16.3	17.3	17.2	15.4	17.2	16.9
HS4-3038	16.2	17.0	16.8	16.1	14.6	16.3	16.3
HS4-3189	16.2	16.6	16.3	15.8	16.0	16.4	16.0
HS4-3202	15.9	16.4	16.0	15.4	14.9	16.4	15.9
HS4-3203	15.7	15.8	16.2	15.4	14.9	16.2	15.9

Preliminary Test IIIB, 2006

Ent.	Strain	Parentage	Gen. Comp.	Unique Traits
1.	IA3023 (III)	Dairyland DSR-365 x Pioneer P9381	F5	
2.	IA2065			2% linolenic
3.	U98-311442 (SCN)	A94-773014 x Bell	F5	SCN
4.	Macon (L)	Sherman x Resnik	F5	
5.	HF04-0648	HS93-4118 x (IA 3023 x PI 567.374)	F5	
6.	LG03-1773	LG93-7604 x LG93-7654	F6	
7.	LG03-2866	LG96-1971 x Rend	F6	
8.	LG03-3867	HS93-4118 x LG97-9692	F5	
9.	LS03-1468	LS93-0375 x M90-184111	F6	SCN
10.	LS03-5191	SS94-7546 x HS93-4118	F6	SCN
11.	U03-100620	U99-009019 x P92B12	F5	SCN, Rps 1-k?
12.	U03-200216	NE3202 x P92B12	F5	SCN, Rps 1-k?
13.	U03-200226	NE3202 x P92B12	F5	SCN, Rps 1-k?
14.	U03-200255	U99-009019 x P92B12	F5	SCN, Rps 1-k?
15.	U03-260220	U99-009019 x UP1Fe(S1)C7-150	F5	
16.	U03-260230	U99-009019 x UP1Fe(S1)C7-150	F5	
17.	U03-260253	NE3202 x UP1Fe(S1)C7-150	F5	
18.	U03-300315	P92B12 x U99-009019	F5	SCN, Rps 1-k?
19.	U03-300322	P92B12 x U97-207904	F5	SCN, Rps 1-k?
20.	U03-300330	P92B12 x U97-207904	F5	SCN, Rps 1-k?
21.	U03-360120	U99-009019 x UP1Fe(S1)C7-150	F5	
22.	U03-400152	P92B12 x NE2802	F5	SCN, Rps 1-k?
23.	U03-400310	P92B12 x U99-009019	F5	SCN, Rps 1-k?
24.	U03-400356	P92B12 x U97-207904	F5	SCN, Rps 1-k?
25.	U03-400435	P92B12 x U97-207904	F5	SCN, Rps 1-k?

PRELIMINARY TEST IIIB, 2006

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	<u>Chlorosis</u>	<u>Green Stem</u>	<u>Shattering</u>	<u>PR</u>		<u>PS</u>	<u>FE</u>
		Score	Score	Score	Lafayette		Lafayette	
		Humboldt IA	Lafayette IN	Ashland KS	Race 4	Race 7	a %	a rx.
IA3023 (III)	WLtTDYBII	4.1	1.0	1.0	S	S	1	S
IA2065	PTBDYBII	4.0	1.0	1.0	R*	R*	3	S
U98-311442 (SCN)	PGTDYIbII	4.4	2.0	1.0	S	S	3	S
Macon (L)	WTBDYBII	4.4	1.0	1.0	S	S	6	S
HF04-0648	WLTBDYBII	4.6	1.0	1.0	S	R*	5	S
LG03-1773	PTBDYLbI	4.8	2.0	1.0	S	S	3	S
LG03-2866	WGBDYBfI	4.0	3.0	1.0	H*	S	0	S
LG03-3867	WLtTDYBII	3.9	1.0	1.0	S	R*	5	S
LS03-1468	WGBDYBfI	4.5	1.0	1.0	S	S	1	S
LS03-5191	PLtTDYBII	4.8	1.0	1.0	S	R*	9	S
U03-100620	PT+GBDYBII	4.3	1.0	1.0	S*	S*	4	S
U03-200216	PTBDYBII	4.4	1.0	1.0	R	R	2	-
U03-200226	PGBDYLibI	4.4	1.0	1.0	R	R	8	S
U03-200255	PLtBDYBII	4.3	1.0	1.0	S*	S*	7	S
U03-260220	PGBDYLibII	4.6	1.0	1.0	S	S	12	S
U03-260230	PGBDYLibII	4.6	1.0	1.0	S	S	7	S
U03-260253	PGBDYLibII	4.5	1.0	1.0	S	S	9	S
U03-300315	PGBDYBfI	4.6	1.0	1.0	S*	S*	6	S
U03-300322	PGTDYGrI	4.4	1.0	1.0	S*	S*	7	S
U03-300330	PGTDYGrI	4.6	1.0	1.0	S*	S*	5	-
U03-360120	PLtBDYBII	4.3	1.0	1.0	S	S	8	S
U03-400152	PGBDYDbf+IbI	4.8	1.0	1.0	S*	R	9	S
U03-400310	PGBDYIbI	4.3	1.0	1.0	S*	S*	9	-
U03-400356	PGTDYIbI	4.5	1.0	1.0	R	R	1	-
U03-400435	PT+GBDYBII	4.3	1.0	1.0	S*	S*	1	S

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

PS: % seed discolored

FE: S = susceptible, - = lesions not detected, x = no data

PRELIMINARY TEST IIIB, 2006

REGIONAL SUMMARY

No. of Tests Strain	Yield 8 bu/a	Rank 8 No.	Maturity 9 Date	Lodging 8 Score	Plant Height 8 In.	Seed Size 9 g/100	Seed Quality 6 Score	<u>Composition</u>	
								Protein 6 %	Oil 6 %
IA3023 (III)	74.2	1	9/28	2.0	38	16.0	1.5	33.0	17.4
IA2065	67.4	16	-8.9	2.1	33	15.4	1.9	34.9	19.0
U98-311442 (SCN)	66.8	19	1.7	1.9	38	14.7	1.9	35.5	16.3
Macon (L)	65.4	20	1.7	2.0	40	17.6	1.7	35.1	16.4
HF04-0648	66.9	18	3.4	2.3	40	15.7	1.8	34.8	15.8
LG03-1773	64.9	21	3.9	2.4	41	16.5	1.8	34.9	16.2
LG03-2866	68.0	14	5.6	2.7	46	14.2	1.6	33.7	17.2
LG03-3867	64.1	22	4.7	2.3	45	15.3	1.7	34.1	16.0
LS03-1468	54.3	25	4.7	2.6	45	15.4	1.5	34.3	16.5
LS03-5191	59.8	24	2.8	2.1	39	16.6	1.7	33.8	16.8
U03-100620	67.3	17	-6.1	1.9	36	13.6	1.8	34.4	17.9
U03-200216	69.8	9	-4.9	2.4	39	15.3	2.0	33.8	17.6
U03-200226	69.1	11	-3.2	1.8	36	17.2	2.0	34.5	17.1
U03-200255	71.0	5	-4.6	1.7	37	14.5	1.8	34.3	17.5
U03-260220	70.8	6	-6.5	1.9	37	13.9	1.8	34.0	17.5
U03-260230	71.3	4	-6.7	2.0	38	14.1	1.8	34.4	17.5
U03-260253	70.4	7	-6.0	2.1	39	14.5	1.7	33.5	18.0
U03-300315	68.8	13	-4.4	2.0	41	13.8	1.9	34.7	17.2
U03-300322	69.2	10	-4.4	1.8	40	17.5	1.9	33.7	17.5
U03-300330	69.9	8	-4.4	2.1	38	18.4	1.9	33.6	17.7
U03-360120	72.4	3	-6.4	2.0	37	13.9	1.5	33.7	17.7
U03-400152	61.8	23	-5.6	2.3	39	14.6	1.8	35.0	17.2
U03-400310	67.5	15	-4.0	2.0	38	13.9	2.1	33.7	17.4
U03-400356	69.0	12	-2.8	2.1	39	17.4	1.8	33.6	17.8
U03-400435	72.9	2	-3.8	1.9	40	16.1	2.0	33.0	17.5

136.2 Days After Planting

PRELIMINARY TEST IIIB, 2006

YIELD (bu/a)

Strain	Mean 8 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS	Dewitt NE	Goehner NE	Tekamah NE	Hoytville* OH	South Charleston OH
IA3023 (III)	74.2		69.7	76.4	66.1	63.4	86.9	90.6	71.8	44.5	69.1
IA2065	67.4		58.3	70.3	66.0	56.8	77.4	86.1	64.0	40.8	60.0
U98-311442 (SCN)	66.8		59.9	69.5	77.6	61.2	68.2	72.7	61.9	52.6	63.7
Macon (L)	65.4		52.7	71.1	66.2	47.9	72.8	79.8	65.6	48.8	67.4
HF04-0648	66.9		55.8	70.9	71.1	59.9	68.1	74.5	57.1	57.3	77.9
LG03-1773	64.9		55.2	64.2	67.0	44.1	75.8	77.4	58.9	63.6	76.5
LG03-2866	68.0		49.9	65.0	75.2	62.6	67.4	83.3	64.8	49.5	75.9
LG03-3867	64.1		53.1	67.0	66.8	55.0	70.7	73.7	56.5	60.9	70.2
LS03-1468	54.3		36.8	65.0	66.0	43.8	57.0	65.1	48.7	50.4	52.3
LS03-5191	59.8		51.9	67.5	62.8	56.7	52.8	71.1	54.8	55.4	60.9
U03-100620	67.3		64.6	66.3	69.2	54.8	75.6	87.8	60.0	48.2	59.7
U03-200216	69.8		59.9	70.0	67.4	53.6	86.1	86.8	69.1	51.6	65.4
U03-200226	69.1		62.1	71.4	67.6	52.8	80.0	87.7	63.9	63.9	67.2
U03-200255	71.0		67.3	72.5	78.1	48.9	75.8	88.6	69.3	42.0	67.5
U03-260220	70.8		65.9	68.7	73.3	57.7	82.3	90.4	67.3	54.7	60.6
U03-260230	71.3		63.7	67.1	73.1	62.7	82.3	90.1	66.6	58.0	65.0
U03-260253	70.4		59.7	67.5	74.6	53.2	84.5	91.7	69.5	50.6	62.3
U03-300315	68.8		63.8	69.0	64.9	51.0	81.3	91.3	61.5	54.9	67.3
U03-300322	69.2		60.1	68.3	65.4	56.6	77.3	91.1	65.2	60.2	69.3
U03-300330	69.9		62.0	67.7	66.6	62.1	84.4	84.6	66.7	55.5	65.5
U03-360120	72.4		68.0	67.8	75.1	59.9	86.4	89.1	69.9	33.3	62.9
U03-400152	61.8		53.7	65.3	55.4	46.0	69.5	83.5	62.1	57.5	59.0
U03-400310	67.5		60.6	64.3	73.2	55.1	76.5	91.5	60.6	32.5	58.0
U03-400356	69.0		64.0	69.1	68.8	59.2	81.2	89.0	63.3	54.1	57.5
U03-400435	72.9		67.5	70.5	69.6	60.0	85.4	92.6	68.1	59.0	69.9
C.V. (%)			6.6	5.1	4.9	5.5	8.2	5.8	6.9	28.4	7.3
L.S.D. (5%)			8.1	6.0	7.0	6.3	15.4	12.1	10.8	30.5	10.3
Row Sp. (In.)		27	27	30	26	30	30	30	30	7.5	15
Rows/Plot		4	4	4	4	4	4	4	4	8	6
Reps		2	2	2	2	2	2	2	2	2	2

*Data not included in mean.

PRELIMINARY TEST IIIB, 2006

YIELD RANK

Strain	Yield Rank	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS	Dewitt NE	Goehner NE	Tekamah NE	Hoytville OH	South Charleston OH
IA3023 (III)	1		1	1	19	1	1	6	1	21	7
IA2065	16		17	7	20	11	12	15	13	23	20
U98-311442 (SCN)	19		14	9	2	5	21	23	17	14	15
Macon (L)	20		22	4	18	22	18	19	10	19	9
HF04-0648	18		18	5	9	7	22	21	22	8	1
LG03-1773	21		19	25	15	24	15	20	21	2	2
LG03-2866	14		24	22	3	3	23	18	12	18	3
LG03-3867	22		21	19	16	15	19	22	23	3	4
LS03-1468	25		25	23	20	25	24	25	25	17	25
LS03-5191	24		23	16	24	12	25	24	24	10	18
U03-100620	17		6	20	11	16	17	12	20	20	21
U03-200216	9		14	8	14	17	3	14	5	15	13
U03-200226	11		10	3	13	19	11	13	14	1	11
U03-200255	5		4	2	1	21	15	11	4	22	8
U03-260220	6		5	12	6	10	7	7	7	12	19
U03-260230	4		9	18	8	2	7	8	9	6	14
U03-260253	7		16	17	5	18	5	2	3	16	17
U03-300315	13		8	11	23	20	9	4	18	11	10
U03-300322	10		13	13	22	13	13	5	11	4	6
U03-300330	8		11	15	17	4	6	16	8	9	12
U03-360120	3		2	14	4	7	2	9	2	24	16
U03-400152	23		20	21	25	23	20	17	16	7	22
U03-400310	15		12	24	7	14	14	3	19	25	23
U03-400356	12		7	10	12	9	10	10	15	13	24
U03-400435	2		3	6	10	6	4	1	6	5	5

PRELIMINARY TEST IIIB, 2006

MATURITY (date)

Strain	Mean 9 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS	Dewitt NE	Goehner NE	Tekamah NE	Hoytville OH	South Charleston OH
IA3023 (III)	9/28	10/2	9/30	9/24	9/26	10/1	9/27	9/26		10/5	9/24
IA2065	-8.9	-13	-9	-8	-10	-3	-6	-10		-15	-7
U98-311442 (SCN)	1.7	-1	1	3	9	-3	-1	3		-1	4
Macon (L)	1.7	0	1	5	7	-0	-3	0		2	4
HF04-0648	3.4	0	-1	6	8	0	2	4		3	8
LG03-1773	3.9	5	2	6	9	2	-2	5		1	9
LG03-2866	5.6	4	2	10	13	3	2	5		4	9
LG03-3867	4.7	6	1	10	10	-0	1	5		3	7
LS03-1468	4.7	4	4	9	11	0	0	5		3	8
LS03-5191	2.8	0	0	8	9	-2	0	4		-2	8
U03-100620	-6.1	-9	-9	-2	-6	-4	-5	-6		-8	-6
U03-200216	-4.9	-3	-7	-2	-5	-2	-5	-6		-9	-6
U03-200226	-3.2	-5	-4	0	-4	-2	-3	-1		-6	-5
U03-200255	-4.6	-8	-6	0	-2	-6	-5	-6		-5	-4
U03-260220	-6.5	-9	-7	-4	-8	-5	-5	-9		-6	-6
U03-260230	-6.7	-6	-8	-3	-8	-4	-6	-10		-10	-5
U03-260253	-6.0	-6	-6	-3	-7	-4	-6	-9		-9	-5
U03-300315	-4.4	-8	-4	-2	-5	-2	-5	-4		-6	-5
U03-300322	-4.4	-4	-4	-2	-5	-6	-6	-2		-6	-5
U03-300330	-4.4	-5	-5	-2	-4	-4	-6	-3		-5	-6
U03-360120	-6.4	-7	-9	-2	-7	-6	-6	-8		-8	-5
U03-400152	-5.6	-7	-6	-2	-6	-4	-6	-6		-9	-5
U03-400310	-4.0	-7	-5	-2	-3	-3	-4	-3		-6	-5
U03-400356	-2.8	-2	-4	-1	-4	-1	-4	-2		-5	-2
U03-400435	-3.8	-6	-6	-2	-3	-3	-4	-2		-6	-4
Date Planted	5/15	5/7	5/12	5/20	5/9	5/24	5/18	5/26	5/23	5/9	5/3
Days to Mature	136	148	141	127	140	130	132	123		149	144

PRELIMINARY TEST IIIB, 2006

LODGING (score)

Strain	Mean 8 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS	Dewitt NE	Goehner NE	Tekamah NE	Hoytville OH	South Charleston OH
IA3023 (III)	2.0	2.3	3.8	1.8	1.0	2.0		2.0		1.2	2.0
IA2065	2.1	2.3	3.8	2.3	1.0	2.0		2.0		1.1	2.3
U98-311442 (SCN)	1.9	2.5	3.5	1.5	1.0	2.0		2.0		1.2	1.8
Macon (L)	2.0	3.0	4.3	1.8	1.0	1.5		2.0		1.2	1.5
HF04-0648	2.3	2.8	4.3	1.8	1.3	2.5		2.0		1.2	2.7
LG03-1773	2.4	2.5	4.3	2.0	1.3	3.0		2.0		1.4	2.5
LG03-2866	2.7	2.5	4.3	3.0	1.5	3.0		3.0		1.3	3.0
LG03-3867	2.3	2.8	4.0	2.0	1.0	3.0		2.0		1.3	2.6
LS03-1468	2.6	3.3	4.8	2.0	1.5	2.5		3.0		1.4	2.5
LS03-5191	2.1	3.0	4.0	1.3	1.0	2.0		2.0		1.3	2.6
U03-100620	1.9	2.3	3.8	1.5	1.0	1.5		2.0		1.2	1.6
U03-200216	2.4	2.8	4.3	2.0	1.3	2.5		2.0		1.4	2.7
U03-200226	1.8	2.3	3.3	1.5	1.0	1.0		2.0		1.3	2.2
U03-200255	1.7	2.0	3.3	1.5	1.0	1.5		1.5		1.3	1.2
U03-260220	1.9	2.8	3.8	1.8	1.0	1.0		2.0		1.2	1.9
U03-260230	2.0	2.5	3.5	1.8	1.0	1.0		2.0		1.4	2.6
U03-260253	2.1	2.5	4.0	1.8	1.0	2.0		2.0		1.3	2.1
U03-300315	2.0	2.3	3.8	2.0	1.0	2.0		2.0		1.3	1.7
U03-300322	1.8	2.3	4.0	1.8	1.0	1.5		1.0		1.4	1.6
U03-300330	2.1	2.8	4.3	1.8	1.0	1.0		2.0		1.2	2.4
U03-360120	2.0	2.8	3.8	1.5	1.0	1.5		2.0		1.2	1.8
U03-400152	2.3	2.5	4.5	2.3	1.8	2.5		2.0		1.3	1.8
U03-400310	2.0	2.3	3.8	1.5	1.3	1.5		2.0		1.1	2.9
U03-400356	2.1	2.5	4.0	2.0	1.0	2.0		2.0		1.3	2.0
U03-400435	1.9	2.3	3.5	1.8	1.0	1.5		2.0		1.2	1.9

PRELIMINARY TEST IIIB, 2006

PLANT HEIGHT (inches)

Strain	Mean 8 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS	Dewitt NE	Goehner NE	Tekamah NE	Hoytville OH	South Charleston OH
IA3023 (III)	38	39	44	42	38	42		40		27	33
IA2065	33	31	41	36	32	35		33		25	30
U98-311442 (SCN)	38	37	45	41	40	43		38		27	33
Macon (L)	40	38	46	48	43	42		41		28	36
HF04-0648	40	41	45	44	41	41		42		28	35
LG03-1773	41	40	47	47	42	46		42		29	38
LG03-2866	46	47	52	50	49	46		51		33	43
LG03-3867	45	47	50	51	47	52		46		31	38
LS03-1468	45	42	53	49	45	50		49		32	42
LS03-5191	39	38	42	46	37	42		41		28	37
U03-100620	36	37	43	38	38	39		37		25	31
U03-200216	39	42	44	40	40	45		38		27	36
U03-200226	36	36	41	39	37	39		37		23	34
U03-200255	37	36	44	42	38	43		39		22	34
U03-260220	37	36	44	42	40	42		38		24	32
U03-260230	38	38	42	42	41	44		37		27	36
U03-260253	39	39	46	41	41	46		38		23	36
U03-300315	41	39	47	45	43	49		45		27	35
U03-300322	40	40	44	44	40	43		42		29	35
U03-300330	38	38	45	42	38	44		41		24	35
U03-360120	37	37	45	41	42	42		38		23	31
U03-400152	39	38	44	42	41	45		43		25	38
U03-400310	38	41	45	42	42	42		41		21	33
U03-400356	39	38	44	45	42	43		39		28	34
U03-400435	40	37	47	44	42	41		43		26	36

PRELIMINARY TEST IIIB, 2006

SEED SIZE (g/100)

Strain	Mean 9 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS	Dewitt NE	Goehner NE	Tekamah NE	Hoytville OH	South Charleston OH
IA3023 (III)	16.0	15.8	15.9	16.7	13.6	18.4		15.4	16.2	15.3	16.7
IA2065	15.4	15.6	15.1	15.8	13.4	19.0		16.1	15.3	13.6	15.1
U98-311442 (SCN)	14.7	15.2	15.1	15.2	13.9	16.8		14.0	14.2	13.1	15.1
Macon (L)	17.6	18.3	18.0	18.9	16.0	20.5		16.7	16.6	16.6	16.8
HF04-0648	15.7	16.9	15.8	16.0	13.6	18.4		14.2	14.7	15.1	16.3
LG03-1773	16.5	17.1	16.9	16.9	15.1	20.3		15.5	15.3	14.7	17.1
LG03-2866	14.2	14.5	14.0	14.1	13.8	17.3		13.9	13.3	13.0	14.3
LG03-3867	15.3	16.3	14.6	16.5	14.5	17.9		14.3	13.1	14.6	15.9
LS03-1468	15.4	15.1	14.5	16.3	14.0	18.3		14.8	14.2	15.7	16.1
LS03-5191	16.6	17.7	15.4	18.4	15.5	20.4		14.3	14.6	15.8	17.6
U03-100620	13.6	13.9	13.2	13.6	12.5	16.6		13.4	13.2	12.3	13.7
U03-200216	15.3	14.9	14.9	15.9	13.9	18.5		15.4	15.5	12.8	15.6
U03-200226	17.2	16.5	15.8	17.9	15.1	20.9		17.9	16.8	17.1	16.8
U03-200255	14.5	14.6	13.7	15.5	13.9	15.9		15.0	14.1	13.2	14.4
U03-260220	13.9	14.0	13.7	14.5	12.6	15.6		14.4	13.7	12.8	13.9
U03-260230	14.1	14.5	13.8	14.9	12.6	16.3		13.8	14.1	12.6	14.0
U03-260253	14.5	15.0	14.3	14.9	12.8	19.3		14.2	13.9	12.3	13.9
U03-300315	13.8	13.7	13.6	13.5	11.8	17.3		14.7	13.6	13.1	12.7
U03-300322	17.5	16.9	16.0	17.8	16.4	22.4		17.8	17.5	15.5	17.2
U03-300330	18.4	17.5	17.0	18.5	17.1	23.8		18.9	18.7	16.4	17.8
U03-360120	13.9	14.4	13.6	14.3	13.0	17.7		14.2	13.2	11.6	13.2
U03-400152	14.6	14.8	13.5	15.1	13.1	19.1		14.4	14.6	13.0	14.1
U03-400310	13.9	13.4	13.8	13.8	11.1	18.5		14.3	13.3	13.5	13.0
U03-400356	17.4	16.6	18.2	16.9	15.4	22.2		17.8	16.6	15.7	16.8
U03-400435	16.1	16.3	15.2	16.2	15.4	18.7		16.3	15.4	14.7	17.0

PRELIMINARY TEST IIIB, 2006

SEED QUALITY (score)

Strain	Mean 6 Tests	Ames IA	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS	Dewitt NE	Goehner NE	Tekamah NE	Hoytville OH	South Charleston OH
IA3023 (III)	1.5			1.0	1.0	2.0		2.0		1.7	1.0
IA2065	1.9			2.0	1.0	3.0		2.5		1.6	1.5
U98-311442 (SCN)	1.9			2.0	1.0	3.0		2.5		1.7	1.4
Macon (L)	1.7			2.0	1.5	2.0		2.0		1.3	1.5
HF04-0648	1.8			2.0	1.0	3.0		1.5		1.9	1.3
LG03-1773	1.8			2.0	1.0	3.0		1.5		1.9	1.6
LG03-2866	1.6			2.0	1.0	2.0		2.0		1.4	1.2
LG03-3867	1.7			2.0	1.0	2.0		2.0		1.6	1.6
LS03-1468	1.5			1.0	1.5	2.0		1.5		1.4	1.4
LS03-5191	1.7			2.0	1.5	2.0		1.5		1.7	1.4
U03-100620	1.8			2.0	1.0	3.0		2.0		1.6	1.4
U03-200216	2.0			2.0	1.5	3.0		2.0		2.1	1.3
U03-200226	2.0			1.0	1.0	4.0		2.0		2.5	1.6
U03-200255	1.8			2.0	1.0	2.0		2.5		1.5	1.5
U03-260220	1.8			2.0	1.0	3.0		2.0		1.4	1.6
U03-260230	1.8			2.0	1.0	3.0		2.0		1.5	1.3
U03-260253	1.7			1.0	1.0	3.0		2.0		1.4	1.7
U03-300315	1.9			2.0	1.5	3.0		2.0		1.6	1.2
U03-300322	1.9			2.0	1.5	3.0		1.5		1.8	1.4
U03-300330	1.9			2.0	1.5	3.0		2.0		1.4	1.4
U03-360120	1.5			1.0	1.0	2.0		1.5		1.7	1.5
U03-400152	1.8			2.0	1.0	3.0		2.0		1.4	1.3
U03-400310	2.1			1.0	1.0	4.0		2.5		2.5	1.6
U03-400356	1.8			2.0	1.0	2.0		2.0		2.2	1.7
U03-400435	2.0			2.0	1.0	3.0		3.0		1.3	1.4

PRELIMINARY TEST IIIB, 2006

PROTEIN (%)

Strain	Mean 6 Tests	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS	Goehner NE	Hoytville OH
IA3023 (III)	33.0	33.1	32.7	32.0	35.2	33.3	31.9
IA2065	34.9	35.2	35.4	34.2	38.4	34.2	31.8
U98-311442 (SCN)	35.5	35.0	35.1	36.6	36.8	35.0	34.3
Macon (L)	35.1	34.1	36.3	35.9	36.2	33.5	34.8
HF04-0648	34.8	34.0	36.1	34.9	36.1	33.9	33.5
LG03-1773	34.9	34.6	35.4	35.8	37.5	34.2	31.8
LG03-2866	33.7	34.3	33.9	35.9	34.9	32.7	30.7
LG03-3867	34.1	32.9	35.2	34.0	36.1	34.6	31.8
LS03-1468	34.3	34.4	34.6	35.3	35.9	34.1	31.8
LS03-5191	33.8	32.0	34.5	34.9	35.1	32.9	33.5
U03-100620	34.4	33.7	35.3	34.4	37.7	33.3	31.8
U03-200216	33.8	34.4	33.2	33.7	37.9	33.4	30.0
U03-200226	34.5	34.0	34.9	34.0	38.1	33.9	32.4
U03-200255	34.3	33.7	35.4	34.3	36.9	34.6	31.1
U03-260220	34.0	33.4	34.5	34.3	37.0	33.3	31.4
U03-260230	34.4	33.7	35.1	34.9	38.0	34.4	30.2
U03-260253	33.5	34.2	34.5	34.4	37.7	32.2	28.0
U03-300315	34.7	34.6	34.6	34.9	37.1	33.7	33.3
U03-300322	33.7	33.8	32.8	33.4	36.9	33.6	31.8
U03-300330	33.6	33.5	33.1	33.7	36.4	33.7	31.4
U03-360120	33.7	33.4	35.1	34.7	36.2	34.2	28.3
U03-400152	35.0	34.6	36.0	34.7	38.4	34.1	32.0
U03-400310	33.7	33.7	33.9	32.7	37.8	32.5	31.8
U03-400356	33.6	32.8	33.4	33.5	37.2	34.3	30.2
U03-400435	33.0	32.5	33.1	33.9	35.7	33.1	29.8

* Protein and Oil values converted to 13% moisture basis.

PRELIMINARY TEST IIIB, 2006

OIL (%)

Strain	Mean 6 Tests	Carlisle IA	Urbana IL	Lafayette IN	Ashland KS	Goehner NE	Hoytville OH
IA3023 (III)	17.4	17.2	17.8	18.3	16.4	17.0	17.5
IA2065	19.0	18.9	18.5	20.1	16.9	19.7	19.9
U98-311442 (SCN)	16.3	16.7	16.5	15.7	16.3	16.6	16.2
Macon (L)	16.4	16.4	16.2	16.4	16.3	17.0	16.1
HF04-0648	15.8	16.1	15.6	16.1	15.5	16.1	15.7
LG03-1773	16.2	16.3	15.9	16.2	15.3	16.4	16.9
LG03-2866	17.2	17.3	17.3	16.4	16.7	17.5	17.9
LG03-3867	16.0	16.6	15.7	16.3	15.3	15.9	16.0
LS03-1468	16.5	16.2	16.4	16.1	16.1	16.7	17.1
LS03-5191	16.8	17.4	16.4	16.6	16.4	17.2	16.6
U03-100620	17.9	18.3	17.6	18.2	16.6	18.2	18.5
U03-200216	17.6	17.5	18.2	18.3	15.6	17.8	18.3
U03-200226	17.1	16.8	16.6	18.0	16.0	17.5	17.4
U03-200255	17.5	17.5	17.3	17.7	16.8	17.2	18.2
U03-260220	17.5	18.4	17.1	17.1	16.5	18.0	18.1
U03-260230	17.5	18.0	17.4	17.3	16.1	17.4	18.7
U03-260253	18.0	17.8	17.8	17.7	16.5	18.2	19.9
U03-300315	17.2	17.0	17.0	17.3	16.6	17.9	17.3
U03-300322	17.5	17.2	18.0	18.0	16.5	17.2	17.9
U03-300330	17.7	17.6	18.0	18.4	16.6	17.8	17.5
U03-360120	17.7	18.1	17.1	17.6	17.3	17.3	18.9
U03-400152	17.2	17.4	17.0	17.4	16.1	17.7	17.8
U03-400310	17.4	17.8	17.6	17.8	15.4	18.2	17.6
U03-400356	17.8	18.1	17.8	18.0	16.7	17.7	18.6
U03-400435	17.5	17.9	17.8	17.6	16.6	16.9	18.3

Uniform Test IV, 2006

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	LD00-3309 (IV)	Maverick x Dwight	2	F5	SCN
2.	LS93-0375 (SCN)	Asgrow A3935 x Pioneer P9402	5	F6	SCN
3.	Macon (III)	Sherman x Resnik	10	F5	
4.	HS4-3143	HS97-4555 x HS97-4544	new	F5	
5.	K03-2897	K1454 x HS93-4118	PTIV	F5	
6.	LD00-2817W	Ina x Dwight	05SCN UIV	F5	SCN
7.	LG03-2894	LG96-1971 x Rend	new	F6	
8.	LG03-3780	LG94-4396 x LG96-3159	new	F6	
9.	LG03-3853	HS93-4118 x LG97-9692	new	F5	
10.	LG03-3859	HS93-4118 x LG97-9692	new	F5	
11.	LS01-1158	LS92-4173 x Dekalb 339c	1	F6	SCN
12.	LS02-0455	K1370 X A95-483010	PTIV	F6	SCN
13.	LS02-2213	LS93-0375 x SS94-4337	PTIV	F6	SCN
14.	LS03-1416	LS93-0375 x M90-184111	new	F6	SCN
15.	LS03-2036	LS92-4173 x M90-184111	new	F6	SCN
16.	LS03-4993	K1410 x LS94-3207	new	F6	SCN
17.	LS03-5289	LS93-0375 x LS96-0735	new	F6	SCN
18.	LS03D-3285	RxEF59-79 x LS94-3207	new	F6	SCN
19.	MD 03-5453	Md 96-5722 x CX1834-1-2	new	F5	Low phytate
20.	MD 03-5469	Md 96-5722 x CX1834-1-2	new	F5	Low phytate
21.	MD 03-5733	BARC-7 x CX1834-1-2	new	F5	High protein
22.	MD 03-5872	BARC-7 x CX1834-1-2	new	F5	High protein

UNIFORM TEST IV, 2006

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	<u>Fe Chlorosis</u>	<u>Green Stem</u>	<u>Shattering</u>	
		Score	Score	Score	
		Granite Falls MN	Jackson TN	Ashland KS	Manhattan KS
LD00-3309 (IV)	PTBDYBII	4.3	1.0	1.0	1.0
LS93-0375 (SCN)	PTBDYBII	4.5	1.0	1.0	1.0
Macon (III)	WTBDYBII	4.1	1.0	1.0	1.0
HS4-3143	WLtBDYLbII	4.3	1.0	1.0	1.0
K03-2897	PTBDYBII	3.9	1.5	1.0	1.0
LD00-2817W	WGTDYBfI	4.0	1.5	1.0	1.0
LG03-2894	PGBDYIbI	3.4	1.0	1.0	1.0
LG03-3780	PTBDYLbII	3.8	1.0	1.0	1.0
LG03-3853	WTTDYBII	3.9	1.0	1.0	1.0
LG03-3859	WTBDYLbII	4.0	1.0	1.0	1.0
LS01-1158	WGTDYBfI	3.0	1.0	1.0	1.0
LS02-0455	WGTDYBfI	4.0	1.0	1.0	1.0
LS02-2213	WTTIYLgrI	3.6	1.0	1.0	1.0
LS03-1416	PTBDYBII	3.5	1.0	1.0	1.0
LS03-2036	WGTDYLbI	3.8	1.0	1.0	1.0
LS03-4993	PTBDYBII	4.4	1.0	1.0	1.0
LS03-5289	WTTDYBII	4.1	1.0	1.0	1.0
LS03D-3285	PTTDYBID	3.5	1.0	1.0	1.0
MD 03-5453	PGTSYLbI	3.9	1.5	1.0	1.0
MD 03-5469	PGBSYLbI	3.9	1.0	1.0	1.0
MD 03-5733	PLtBSYBII	4.0	1.0	1.0	1.0
MD 03-5872	PLtBSYBII	4.3	1.0	1.0	1.0

UNIFORM TEST IV, 2006

DESCRIPTIVE AND DISEASE DATA

Strain	<u>PR</u>		<u>PS</u>	<u>FE</u>	<u>SDS</u>
	Lafayette		Lafayette		Carmi
	Race 4	Race 7	a %	a rx.	IL DX
LD00-3309 (IV)	S	S	5	S	11
LS93-0375 (SCN)	S	R*	4	S	7
Macon (III)	S	S	6	S	8
HS4-3143	R*	R*	2	S	11
K03-2897	S	S	0	S	8
LD00-2817W	S	S	1	S	6
LG03-2894	R*	S	0	-	17
LG03-3780	S	S	2	S	8
LG03-3853	S	S	1	S	8
LG03-3859	S	R*	0	S	7
LS01-1158	S	H*	0	S	14
LS02-0455	S	S	7	S	16
LS02-2213	R*	S	0	S	5
LS03-1416	S	S	0	S	7
LS03-2036	S	S	1	S	13
LS03-4993	S	S	1	S	9
LS03-5289	R*	R*	4	S	7
LS03D-3285	S	S	0	-	2
MD 03-5453	R*	R*	6	-	24
MD 03-5469	S	S	0	-	13
MD 03-5733	S	S	1	-	7
MD 03-5872	S	S	0	-	20

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

PS: % seed discolored

FE: S = susceptible, - = lesions not detected, x = no data

UNIFORM TEST IV, 2006

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	12 bu/a	12 No.	13 Date	13 Score	14 In.	13 g/100	12 Score	Protein 6 %	Oil 6 %
LD00-3309 (IV)	58.0	1	9/26	1.5	35	12.6	2.2	35.6	15.9
LS93-0375 (SCN)	52.0	7	0.9	1.5	35	15.2	2.1	36.5	16.4
Macon (III)	51.1	11	-3.1	1.8	34	15.0	2.2	35.9	16.5
HS4-3143	52.0	7	-2.7	1.8	36	15.1	1.9	36.1	16.9
K03-2897	56.9	2	0.5	1.7	36	13.8	2.1	35.1	16.8
LD00-2817W	53.1	3	4.9	1.7	35	13.1	2.2	34.4	16.9
LG03-2894	52.3	5	2.8	2.3	37	12.8	2.2	37.5	15.5
LG03-3780	51.5	10	4.7	2.6	41	14.1	2.1	37.4	16.0
LG03-3853	48.6	14	1.7	2.1	35	13.2	2.2	35.6	16.2
LG03-3859	52.1	6	2.4	1.9	34	13.8	2.0	35.3	16.3
LS01-1158	48.7	13	0.9	1.6	38	12.8	2.1	35.6	16.0
LS02-0455	50.0	12	1.9	1.8	37	14.8	2.5	35.8	16.0
LS02-2213	52.7	4	3.6	1.5	39	14.4	2.3	35.3	15.5
LS03-1416	46.5	17	-0.4	1.7	40	13.6	2.1	34.6	16.6
LS03-2036	46.4	18	3.3	2.1	36	13.8	2.3	34.8	16.4
LS03-4993	51.9	9	0.3	1.4	34	14.8	2.0	36.9	15.9
LS03-5289	47.3	16	-1.0	1.5	35	15.0	2.1	37.6	16.1
LS03D-3285	48.3	15	2.0	1.6	24	14.3	2.1	36.8	15.9
MD 03-5453	42.7	19	-5.6	1.9	32	17.0	2.9	36.8	15.7
MD 03-5469	36.6	22	-8.7	1.8	34	15.6	2.9	37.4	15.1
MD 03-5733	40.7	20	-6.3	2.1	34	14.8	1.8	44.1	12.5
MD 03-5872	40.7	20	-3.8	1.8	27	15.9	2.0	43.7	13.1

130.5 Days After Planting

UNIFORM TEST IV, 2006

1994-1995 2-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	26 bu/a	26 No.	27 Date	27 Score	28 In.	27 g/100	25 Score	13 %	13 %
LD00-3309 (IV)	60.2	1	9/25	1.6	36	12.6	2.1	35.2	16.5
LS93-0375 (SCN)	54.4	2	1.0	1.6	36	15.4	1.9	36.4	16.8
Macon (III)	52.7	4	-2.6	1.8	35	15.7	2.2	35.5	17.4
LS01-1158	53.4	3	0.6	1.8	39	12.8	2.0	35.2	16.7

132.0 Days After Planting

UNIFORM TEST IV, 2006

YIELD (bu/a)

Strain	Mean 12 Tests	Belleville IL	Harrisburg IL	Newtown IL	Urbana IL	Lafayette IN	Ashland KS
LD00-3309 (IV)	58.0	66.9	67.9	59.7	79.1	73.3	41.6
LS93-0375 (SCN)	52.0	62.9	58.8	58.6	69.7	72.8	40.6
Macon (III)	51.1	58.8	60.5	54.0	69.9	60.2	42.6
HS4-3143	52.0	55.5	63.4	54.3	61.3	61.2	42.6
K03-2897	56.9	58.3	60.3	58.3	67.2	63.8	46.3
LD00-2817W	53.1	61.4	62.7	54.2	67.1	72.5	32.9
LG03-2894	52.3	57.2	56.8	51.1	62.8	64.0	33.2
LG03-3780	51.5	51.4	55.9	55.6	56.3	61.0	39.7
LG03-3853	48.6	57.7	60.6	48.8	63.2	61.9	39.9
LG03-3859	52.1	53.9	71.2	51.0	63.1	61.5	38.5
LS01-1158	48.7	59.3	58.7	54.9	58.1	64.5	39.7
LS02-0455	50.0	62.0	54.7	53.7	67.5	74.7	41.3
LS02-2213	52.7	55.9	64.0	59.0	66.7	68.6	37.9
LS03-1416	46.5	57.0	47.3	49.4	61.4	59.7	33.6
LS03-2036	46.4	51.3	52.9	54.6	56.2	52.0	33.8
LS03-4993	51.9	62.4	58.6	55.1	68.7	71.7	41.1
LS03-5289	47.3	57.4	58.6	55.4	65.9	64.3	34.1
LS03D-3285	48.3	60.1	61.2	49.0	59.8	65.9	36.9
MD 03-5453	42.7	47.1	49.8	49.6	61.2	48.6	37.1
MD 03-5469	36.6	41.1	38.6	38.5	52.0	48.7	38.5
MD 03-5733	40.7	42.9	42.7	48.1	53.6	51.4	34.6
MD 03-5872	40.7	44.6	40.6	45.9	50.8	50.0	31.4
C.V. (%)		4.9	4.9	5.0	5.8	7.3	10.8
L.S.D. (5%)		4.5	4.6	3.6	5.0	7.4	6.8
Row Sp. (In.)		30	30	30	30	26	30
Rows/Plot		4	4	4	4	4	4
Reps		3	3	3	3	3	3

*Data not included in mean.

UNIFORM TEST IV, 2006

YIELD (bu/a)

Strain	Manhattan KS	Lexington KY	Queenstown* MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	South Charleston OH	Jackson* TN
LD00-3309 (IV)	32.6	57.2	45.8	37.3	48.5	55.6	76.9	26.2
LS93-0375 (SCN)	29.2	51.1	36.9	30.1	39.5	43.5	67.6	25.0
Macon (III)	31.4	60.2	34.8	33.5	24.0	46.6	70.9	17.9
HS4-3143	35.0	56.5	31.7	34.2	39.3	46.8	73.9	21.2
K03-2897	34.2	59.4	35.9	36.5	60.3	56.2	82.1	24.4
LD00-2817W	25.5	57.2	46.5	29.4	52.1	50.1	72.3	22.2
LG03-2894	29.7	51.1	39.8	32.2	62.3	55.3	71.9	23.6
LG03-3780	29.3	50.4	42.6	39.6	59.7	46.2	72.6	28.1
LG03-3853	23.6	53.6	36.5	30.7	34.0	39.9	69.1	22.6
LG03-3859	29.5	53.8	36.9	30.9	51.0	41.2	79.2	24.4
LS01-1158	24.4	54.3	37.6	34.9	27.4	47.3	61.5	23.7
LS02-0455	28.1	57.9	43.3	23.3	31.2	39.9	65.2	19.2
LS02-2213	26.6	53.3	36.8	28.4	54.3	49.1	68.2	23.3
LS03-1416	26.4	50.7	40.0	31.8	33.3	34.5	73.0	17.6
LS03-2036	21.1	51.4	27.2	31.6	45.8	42.5	63.7	23.9
LS03-4993	28.2	54.0	36.7	33.0	39.5	39.5	70.4	28.5
LS03-5289	25.7	48.1	39.3	30.2	24.5	40.1	63.8	26.2
LS03D-3285	27.4	47.9	31.7	32.2	37.3	33.9	68.3	23.4
MD 03-5453	25.1	48.6	32.2	25.2	24.4	34.0	62.1	22.5
MD 03-5469	21.5	41.0	33.8	24.5	15.4	27.1	52.4	24.5
MD 03-5733	23.4	45.9	26.0	23.3	35.1	32.7	55.1	24.7
MD 03-5872	23.5	45.7	22.9	22.1	39.1	38.4	56.2	19.0
C.V. (%)	9.7	7.8	15.9	9.5	7.6	9.8	7.5	19.4
L.S.D. (5%)	4.4	5.6	9.8	3.9	5.0	7.0	9.0	9.4
Row Sp. (In.)	30	16	24	30	30	30	15	30
Rows/Plot	4	6	4	4	2	2	6	4
Reps	3	3	3	3	3	3	2	2

*Data not included in mean.

UNIFORM TEST IV, 2006

YIELD RANK

Strain	Yield Rank	Belleville IL	Harrisburg IL	Newtown IL	Urbana IL	Lafayette IN	Ashland KS
LD00-3309 (IV)	1	1	2	1	1	2	4
LS93-0375 (SCN)	7	2	10	3	3	3	7
Macon (III)	11	8	8	12	2	16	2
HS4-3143	7	15	4	10	14	14	2
K03-2897	2	9	9	4	6	11	1
LD00-2817W	3	5	5	11	7	4	21
LG03-2894	5	12	14	14	12	10	20
LG03-3780	10	17	15	5	18	15	9
LG03-3853	14	10	7	19	10	12	8
LG03-3859	6	16	1	15	11	13	11
LS01-1158	13	7	11	8	17	8	9
LS02-0455	12	4	16	13	5	1	5
LS02-2213	4	14	3	2	8	6	13
LS03-1416	17	13	19	17	13	17	19
LS03-2036	18	18	17	9	19	18	18
LS03-4993	9	3	12	7	4	5	6
LS03-5289	16	11	13	6	9	9	17
LS03D-3285	15	6	6	18	16	7	15
MD 03-5453	19	19	18	16	15	22	14
MD 03-5469	22	22	22	22	21	21	11
MD 03-5733	20	21	20	20	20	19	16
MD 03-5872	20	20	21	21	22	20	22

UNIFORM TEST IV, 2006

YIELD RANK

Strain	Manhattan KS	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	South Charleston OH	Jackson TN
LD00-3309 (IV)	3	4	2	2	7	2	3	4
LS93-0375 (SCN)	8	13	9	15	9	10	14	5
Macon (III)	4	1	15	6	21	8	9	21
HS4-3143	1	6	18	5	11	7	4	18
K03-2897	2	2	14	3	2	1	1	8
LD00-2817W	15	4	1	16	5	4	7	17
LG03-2894	5	13	6	8	1	3	8	12
LG03-3780	7	16	4	1	3	9	6	2
LG03-3853	18	10	13	13	15	14	11	15
LG03-3859	6	9	9	12	6	12	2	9
LS01-1158	17	7	8	4	18	6	19	11
LS02-0455	10	3	3	20	17	14	15	19
LS02-2213	12	11	11	17	4	5	13	14
LS03-1416	13	15	5	10	16	18	5	22
LS03-2036	22	12	20	8	8	11	17	10
LS03-4993	9	8	12	7	9	16	10	1
LS03-5289	14	18	7	14	19	13	16	3
LS03D-3285	11	19	18	9	13	20	12	13
MD 03-5453	16	17	17	18	20	19	18	16
MD 03-5469	21	22	16	19	22	22	22	7
MD 03-5733	20	20	21	20	14	21	21	6
MD 03-5872	19	21	22	22	12	17	20	20

UNIFORM TEST IV, 2006

MATURITY (date)

Strain	Mean 13 Tests	Belleville IL	Harrisburg IL	Newtown IL	Urbana IL	Lafayette IN	Ashland KS
LD00-3309 (IV)	9/26	9/25	9/23	10/5		10/9	10/4
LS93-0375 (SCN)	0.9	1	3	1		0	-0
Macon (III)	-3.1	-2	0	-2		-6	1
HS4-3143	-2.7	-2	-0	0		-5	-2
K03-2897	0.5	2	0	3		-4	-0
LD00-2817W	4.9	9	8	5		4	-1
LG03-2894	2.8	5	5	5		1	-1
LG03-3780	4.7	11	7	6		5	-1
LG03-3853	1.7	2	3	2		-3	2
LG03-3859	2.4	2	4	3		-3	-1
LS01-1158	0.9	2	3	0		-1	0
LS02-0455	1.9	3	4	2		4	-2
LS02-2213	3.6	4	4	5		4	0
LS03-1416	-0.4	1	2	0		-2	-2
LS03-2036	3.3	5	5	4		1	1
LS03-4993	0.3	0	2	1		-2	-2
LS03-5289	-1.0	-1	2	-1		-2	-4
LS03D-3285	2.0	4	3	2		-1	2
MD 03-5453	-5.6	-10	-3	-3		-12	-1
MD 03-5469	-8.7	-10	-10	-8		-16	-3
MD 03-5733	-6.3	-4	-9	-2		-8	-3
MD 03-5872	-3.8	-3	-8	-1		-5	-2
Date Planted	5/18	5/23	5/22	6/5	5/20	5/9	6/7
Days to Mature	130	125	124	122		153	119

UNIFORM TEST IV, 2006

MATURITY (date)

Strain	Manhattan KS	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	South Charleston OH	Jackson TN
LD00-3309 (IV)	10/19	9/21	10/9	9/26	9/7	9/3	10/4	9/8
LS93-0375 (SCN)	-0	3	4	-4	2	-1	1	2
Macon (III)	-1	-2	-2	-6	-8	-3	-8	-1
HS4-3143	-2	-1	-3	-6	-8	-4	-2	0
K03-2897	1	1	-2	-3	2	4	2	3
LD00-2817W	2	5	6	6	6	4	4	5
LG03-2894	1	2	4	1	6	1	3	3
LG03-3780	2	7	4	3	2	3	6	6
LG03-3853	3	4	5	-3	-2	0	5	5
LG03-3859	2	3	6	1	3	2	4	5
LS01-1158	-0	3	6	-2	-4	2	0	3
LS02-0455	-1	3	5	3	-5	0	2	7
LS02-2213	1	6	2	-1	6	2	4	9
LS03-1416	-1	3	4	-2	-3	-4	1	-3
LS03-2036	2	4	2	3	6	2	3	5
LS03-4993	-1	3	0	-5	3	3	1	0
LS03-5289	2	4	0	-4	-7	0	-1	0
LS03D-3285	2	5	-1	1	2	-1	6	3
MD 03-5453	-1	-4	-8	-8	-11	-12	-6	5
MD 03-5469	0	-9	-6	-8	-13	-15	-13	-3
MD 03-5733	-7	-3	-10	-8	-10	-9	-7	-1
MD 03-5872	-1	0	-8	-6	-3	-9	-3	0
Date Planted	6/21	5/5	6/16	5/8	4/18	4/27	5/3	5/17
Days to Mature	120	139	115	141	142	129	154	114

UNIFORM TEST IV, 2006

LODGING (score)

Strain	Mean 13 Tests	Belleville IL	Harrisburg IL	Newtown IL	Urbana IL	Lafayette IN	Ashland KS
LD00-3309 (IV)	1.5	1.0	1.7	3.0		1.0	1.0
LS93-0375 (SCN)	1.5	1.0	1.3	3.0		1.0	1.0
Macon (III)	1.8	1.0	1.3	3.2		1.0	2.0
HS4-3143	1.8	1.0	1.8	4.0		1.0	2.0
K03-2897	1.7	1.0	1.8	3.5		1.2	1.3
LD00-2817W	1.7	1.0	2.5	3.5		1.3	1.3
LG03-2894	2.3	1.2	2.2	3.8		1.3	3.0
LG03-3780	2.6	1.3	2.8	4.2		1.8	3.0
LG03-3853	2.1	1.3	2.0	3.8		1.5	2.0
LG03-3859	1.9	1.0	1.5	3.7		1.2	2.0
LS01-1158	1.6	1.0	1.8	3.0		1.3	1.0
LS02-0455	1.8	1.2	1.8	3.0		1.0	1.3
LS02-2213	1.5	1.2	1.2	3.2		1.0	1.0
LS03-1416	1.7	1.3	1.8	3.5		1.2	1.3
LS03-2036	2.1	1.2	2.7	3.3		2.0	2.0
LS03-4993	1.4	1.0	1.2	2.5		1.0	1.0
LS03-5289	1.5	1.0	1.2	2.5		1.0	1.3
LS03D-3285	1.6	1.0	1.0	3.5		1.0	1.7
MD 03-5453	1.9	1.0	1.3	3.8		1.0	1.7
MD 03-5469	1.8	1.0	1.8	4.3		1.5	1.7
MD 03-5733	2.1	1.5	2.7	4.0		1.8	2.0
MD 03-5872	1.8	1.0	1.0	4.2		1.3	1.3

UNIFORM TEST IV, 2006

LODGING (score)

Strain	Manhattan KS	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	South Charleston OH	Jackson TN
LD00-3309 (IV)	1.0	2.2	1.0	1.0	1.5	1.5	2.7	1.0
LS93-0375 (SCN)	1.3	1.5	1.3	1.5	1.5	1.5	2.1	1.0
Macon (III)	2.0	2.2	2.0	1.5	1.5	1.5	2.4	1.5
HS4-3143	1.7	2.0	2.0	1.5	1.5	1.5	2.6	1.0
K03-2897	1.3	1.8	2.0	1.0	2.0	1.5	3.0	1.0
LD00-2817W	1.0	2.0	1.3	1.0	1.5	1.5	3.1	1.0
LG03-2894	2.3	2.5	2.5	1.5	2.5	2.0	3.6	1.5
LG03-3780	3.0	3.2	2.5	1.5	2.0	2.5	3.9	2.5
LG03-3853	2.0	2.8	1.8	1.0	2.0	1.5	3.5	2.0
LG03-3859	1.7	2.3	1.8	1.0	1.5	1.5	3.5	2.0
LS01-1158	1.0	1.5	1.3	1.0	1.5	1.5	2.9	1.5
LS02-0455	1.7	1.7	1.8	1.5	1.5	1.5	3.0	2.0
LS02-2213	1.0	1.7	1.0	1.0	1.5	1.0	3.1	1.5
LS03-1416	1.0	1.8	1.5	1.5	1.0	1.0	3.1	1.5
LS03-2036	1.7	2.7	1.5	1.5	1.5	2.0	3.6	1.5
LS03-4993	1.0	1.3	1.8	1.5	1.0	1.0	2.4	1.5
LS03-5289	1.0	1.3	1.3	1.0	1.5	1.5	2.9	1.5
LS03D-3285	1.7	3.0	1.0	1.0	1.0	1.0	3.4	1.0
MD 03-5453	2.0	1.8	2.3	1.0	2.5	1.5	3.4	1.0
MD 03-5469	1.0	2.0	1.8	1.0	1.5	1.0	2.7	1.5
MD 03-5733	2.0	2.2	1.5	1.5	3.0	1.0	2.7	2.0
MD 03-5872	2.3	2.3	1.5	1.0	1.0	2.0	2.9	1.0

UNIFORM TEST IV, 2006

PLANT HEIGHT (inches)

Strain	Mean 14 Tests	Belleville IL	Harrisburg IL	Newtown IL	Urbana IL	Lafayette IN	Ashland KS
LD00-3309 (IV)	35	38	39	36	44	43	42
LS93-0375 (SCN)	35	39	37	39	43	41	39
Macon (III)	34	39	35	36	43	41	42
HS4-3143	36	40	38	37	45	45	43
K03-2897	36	41	40	40	46	45	43
LD00-2817W	35	36	40	40	46	45	45
LG03-2894	37	44	39	40	46	45	46
LG03-3780	41	40	44	43	50	48	48
LG03-3853	35	43	38	34	43	42	42
LG03-3859	34	37	38	33	41	42	43
LS01-1158	38	43	40	41	46	47	45
LS02-0455	37	42	39	42	47	45	45
LS02-2213	39	42	44	42	47	47	44
LS03-1416	40	44	45	43	51	50	48
LS03-2036	36	42	38	40	43	42	44
LS03-4993	34	40	37	38	46	42	38
LS03-5289	35	39	37	39	44	41	40
LS03D-3285	24	25	24	26	28	32	34
MD 03-5453	32	34	32	36	40	38	44
MD 03-5469	34	37	36	39	43	40	42
MD 03-5733	34	38	37	38	41	44	45
MD 03-5872	27	38	26	30	32	32	33

UNIFORM TEST IV, 2006

PLANT HEIGHT (inches)

Strain	Manhattan KS	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	South Charleston OH	Jackson TN
LD00-3309 (IV)	34	38	25	30	27	30	37	27
LS93-0375 (SCN)	35	40	25	31	26	22	37	29
Macon (III)	32	39	26	31	24	24	40	25
HS4-3143	37	41	27	33	20	26	38	31
K03-2897	36	40	28	26	25	26	40	32
LD00-2817W	31	38	25	27	28	24	39	31
LG03-2894	34	40	29	32	29	30	40	30
LG03-3780	42	45	35	38	25	34	46	40
LG03-3853	30	40	27	29	26	24	39	31
LG03-3859	35	38	24	27	28	27	37	31
LS01-1158	33	41	27	35	26	29	41	36
LS02-0455	34	41	27	30	28	24	38	31
LS02-2213	34	44	27	34	32	30	39	35
LS03-1416	36	45	30	37	25	22	46	36
LS03-2036	38	40	23	29	24	22	41	33
LS03-4993	33	40	25	29	25	22	36	30
LS03-5289	32	41	26	31	23	24	38	30
LS03D-3285	30	33	14	14	15	14	31	17
MD 03-5453	33	38	23	27	20	25	38	22
MD 03-5469	30	40	23	30	22	24	38	31
MD 03-5733	34	38	25	28	30	13	38	27
MD 03-5872	28	32	21	18	21	27	31	16

UNIFORM TEST IV, 2006

SEED SIZE (g/100)

Strain	Mean 13 Tests	Belleville IL	Harrisburg IL	Newtown IL	Urbana IL	Lafayette IN	Ashland KS
LD00-3309 (IV)	12.6	11.2		13.4	13.6	13.5	14.2
LS93-0375 (SCN)	15.2	13.3		17.4	18.0	16.5	12.2
Macon (III)	15.0	13.5		17.1	18.2	16.4	11.5
HS4-3143	15.1	14.0		17.2	16.3	17.4	12.8
K03-2897	13.8	12.4		14.2	14.6	14.0	15.0
LD00-2817W	13.1	10.9		14.0	13.8	14.0	11.9
LG03-2894	12.8	11.4		13.9	13.8	13.8	11.8
LG03-3780	14.1	13.2		13.6	14.3	14.3	13.9
LG03-3853	13.2	11.6		13.6	13.5	12.2	12.8
LG03-3859	13.8	12.0		14.8	13.6	13.5	10.3
LS01-1158	12.8	11.5		13.7	13.8	12.6	10.2
LS02-0455	14.8	14.4		16.0	16.9	14.5	11.7
LS02-2213	14.4	12.7		16.4	16.4	14.5	13.4
LS03-1416	13.6	11.6		14.9	14.5	13.7	13.0
LS03-2036	13.8	11.8		14.9	14.8	13.8	12.3
LS03-4993	14.8	13.5		16.7	17.3	14.7	12.1
LS03-5289	15.0	13.4		17.2	17.5	16.2	14.0
LS03D-3285	14.3	14.3		15.1	15.5	15.2	14.4
MD 03-5453	17.0	14.8		19.3	20.5	18.7	15.7
MD 03-5469	15.6	13.6		16.7	15.9	15.7	17.8
MD 03-5733	14.8	13.5		17.0	16.1	15.4	14.8
MD 03-5872	15.9	15.5		18.3	18.0	17.7	13.8

UNIFORM TEST IV, 2006

SEED SIZE (g/100)

Strain	Manhattan KS	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	South Charleston OH	Jackson TN
LD00-3309 (IV)	13.1	10.9	12.4	12.0	11.8	10.7	15.3	11.0
LS93-0375 (SCN)	16.2	14.6	14.8	15.0	15.8	13.2	17.1	13.5
Macon (III)	17.1	15.7	14.8	14.0	12.1	13.5	18.7	13.0
HS4-3143	16.6	15.0	15.6	14.0	12.6	13.9	18.0	13.5
K03-2897	15.9	13.0	12.9	13.0	14.2	11.9	16.1	12.0
LD00-2817W	15.1	12.4	15.2	14.0	11.7	10.4	15.0	12.0
LG03-2894	14.4	12.1	13.5	12.0	13.1	10.2	15.4	11.5
LG03-3780	15.7	12.3	15.4	15.0	12.7	12.7	17.7	13.0
LG03-3853	15.1	12.7	14.2	14.0	12.2	12.5	15.9	11.5
LG03-3859	16.1	13.6	15.1	14.0	14.3	12.1	17.5	12.5
LS01-1158	13.6	12.6	14.3	13.0	14.4	10.8	14.9	11.5
LS02-0455	17.1	14.4	17.7	16.0	13.4	12.1	16.6	12.0
LS02-2213	16.7	13.9	14.8	14.0	13.2	10.6	18.8	11.5
LS03-1416	15.2	13.4	14.6	15.0	12.6	10.5	15.9	12.5
LS03-2036	16.1	13.5	13.8	15.0	13.6	11.1	16.2	12.5
LS03-4993	15.3	15.2	14.4	15.0	14.5	11.8	17.4	14.0
LS03-5289	15.5	15.1	15.0	15.0	12.4	13.3	17.9	13.0
LS03D-3285	15.3	13.7	13.4	14.0	13.6	11.3	17.0	12.5
MD 03-5453	18.3	16.9	15.5	14.0	15.6	15.4	20.9	15.5
MD 03-5469	17.8	14.8	15.1	16.0	12.9	12.8	18.9	14.5
MD 03-5733	15.1	14.6	12.9	14.0	13.2	13.6	18.3	13.5
MD 03-5872	18.0	16.3	13.5	14.0	15.1	12.5	20.5	13.5

UNIFORM TEST IV, 2006

SEED QUALITY (score)

Strain	Mean 12 Tests	Belleville IL	Harrisburg IL	Newtown IL	Urbana IL	Lafayette IN	Ashland KS
LD00-3309 (IV)	2.2	1.0		1.0	2.0	1.5	4.0
LS93-0375 (SCN)	2.1	1.0		1.0	3.0	1.5	4.0
Macon (III)	2.2	1.0		1.0	2.0	1.5	4.0
HS4-3143	1.9	1.0		1.0	2.0	1.0	3.0
K03-2897	2.1	2.0		1.0	3.0	1.0	3.0
LD00-2817W	2.2	1.0		2.0	3.0	1.0	3.0
LG03-2894	2.2	1.0		1.0	2.0	1.0	5.0
LG03-3780	2.1	2.0		1.0	2.0	1.0	3.0
LG03-3853	2.2	1.0		1.0	2.0	1.0	4.0
LG03-3859	2.0	1.0		2.0	2.0	1.0	3.0
LS01-1158	2.1	1.0		1.0	2.0	1.0	4.0
LS02-0455	2.5	1.0		1.0	3.0	1.5	4.0
LS02-2213	2.3	1.0		1.0	3.0	1.5	3.0
LS03-1416	2.1	1.0		1.0	2.0	1.0	4.0
LS03-2036	2.3	1.0		1.0	3.0	1.0	4.0
LS03-4993	2.0	1.0		1.0	2.0	1.5	4.0
LS03-5289	2.1	1.0		1.0	2.0	1.5	4.0
LS03D-3285	2.1	1.0		1.0	2.0	1.0	3.0
MD 03-5453	2.9	2.0		2.0	2.0	2.5	4.0
MD 03-5469	2.9	2.0		2.0	3.0	1.5	4.0
MD 03-5733	1.8	1.0		1.0	2.0	1.0	3.0
MD 03-5872	2.0	1.0		2.0	2.0	1.0	4.0

UNIFORM TEST IV, 2006

SEED QUALITY (score)

Strain	Manhattan KS	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	South Charleston OH	Jackson TN
LD00-3309 (IV)	3.0	1.0	1.3		4.0	4.0	1.8	2.0
LS93-0375 (SCN)	3.0	1.0	1.0		4.0	3.0	1.1	2.0
Macon (III)	3.0	2.0	1.3		3.0	4.0	1.6	2.5
HS4-3143	3.0	1.0	1.0		3.0	3.0	1.4	2.0
K03-2897	3.0	1.0	1.8		3.0	3.0	1.4	1.5
LD00-2817W	2.0	1.0	1.5		4.0	4.0	1.1	3.0
LG03-2894	3.0	1.0	1.5		4.0	3.0	1.3	3.0
LG03-3780	3.0	1.0	1.5		3.0	4.0	1.6	2.0
LG03-3853	2.0	2.0	1.3		4.0	3.0	1.5	3.5
LG03-3859	2.0	2.0	1.3		3.0	3.0	1.0	3.0
LS01-1158	2.0	2.0	2.0		4.0	3.0	1.5	1.5
LS02-0455	3.0	2.0	2.3		3.0	4.0	2.0	3.0
LS02-2213	3.0	2.0	1.5		4.0	3.0	2.0	2.0
LS03-1416	3.0	1.0	1.5		3.0	3.0	1.6	2.5
LS03-2036	4.0	2.0	2.0		3.0	3.0	1.2	2.5
LS03-4993	3.0	1.0	1.8		3.0	3.0	1.0	2.0
LS03-5289	3.0	1.0	1.5		3.0	4.0	1.4	2.0
LS03D-3285	3.0	1.0	2.0		4.0	4.0	2.2	1.5
MD 03-5453	4.0	2.0	2.3		4.0	4.0	1.7	4.0
MD 03-5469	4.0	3.0	2.0		5.0	4.0	1.5	3.0
MD 03-5733	3.0	1.0	1.8		3.0	2.0	1.1	2.0
MD 03-5872	2.0	1.0	1.5		3.0	2.0	1.9	2.0

UNIFORM TEST IV, 2006

PROTEIN (%)

Strain	Mean 6 Tests	Urbana IL	Newton IL	Lafayette IN	Ashland KS	Lexington KY	Portageville (Loam) MO
LD00-3309 (IV)	35.6	35.4	34.5	35.7	36.8	34.1	35.8
LS93-0375 (SCN)	36.5	36.7	35.9	37.0	37.3	36.0	35.7
Macon (III)	35.9	36.0	34.6	35.1	37.9	35.4	35.2
HS4-3143	36.1	35.8	36.4	36.6	37.1	35.9	34.9
K03-2897	35.1	35.2	34.6	34.0	36.3	35.0	35.1
LD00-2817W	34.4	34.1	33.9	33.7	36.3	33.5	34.2
LG03-2894	37.5	37.3	35.5	38.4	38.6	37.1	36.1
LG03-3780	37.4	36.0	36.4	36.7	37.7	38.5	36.8
LG03-3853	35.6	34.6	33.9	33.1	36.7	36.2	36.3
LG03-3859	35.3	35.1	34.2	33.1	35.6	36.5	36.0
LS01-1158	35.6	33.3	33.4	35.0	35.8	35.3	36.2
LS02-0455	35.8	36.1	34.9	36.5	36.7	35.0	35.1
LS02-2213	35.3	35.7	35.0	35.9	36.1	35.3	33.9
LS03-1416	34.6	34.2	33.6	34.4	35.7	34.4	33.9
LS03-2036	34.8	35.1	33.7	35.0	36.5	33.3	34.4
LS03-4993	36.9	36.6	35.9	37.8	37.1	36.5	36.2
LS03-5289	37.6	36.2	36.7	38.1	38.1	35.9	38.5
LS03D-3285	36.8	37.0	36.2	36.5	36.3	37.0	37.5
MD 03-5453	36.8	36.7	36.4	36.2	38.3	35.6	37.0
MD 03-5469	37.4	37.4	36.6	37.4	37.7	36.8	37.5
MD 03-5733	44.1	44.7	38.4	45.4	44.2	42.7	43.9
MD 03-5872	43.7	43.5	42.0	44.4	45.8	37.4	42.7

* Protein and Oil values converted to 13% moisture basis.

UNIFORM TEST IV, 2006

OIL (%)

Strain	Mean 6 Tests	Urbana IL	Newton IL	Lafayette IN	Ashland KS	Lexington KY	Portageville (Loam) MO
LD00-3309 (IV)	15.9	16.1	17.0	15.1	14.3	17.3	16.8
LS93-0375 (SCN)	16.4	15.4	16.3	15.7	15.2	16.5	18.0
Macon (III)	16.5	16.0	16.6	16.7	14.4	16.6	18.4
HS4-3143	16.9	16.8	16.1	16.3	14.8	17.5	18.9
K03-2897	16.8	16.4	17.0	16.8	15.3	16.7	18.5
LD00-2817W	16.9	16.2	17.3	16.2	15.3	17.6	18.6
LG03-2894	15.5	15.5	16.4	14.9	14.3	15.6	17.4
LG03-3780	16.0	16.0	16.4	15.7	14.2	15.9	18.1
LG03-3853	16.2	16.1	16.8	16.4	14.2	16.2	18.0
LG03-3859	16.3	15.8	16.4	16.5	15.1	15.9	17.9
LS01-1158	16.0	16.5	16.7	15.3	15.0	16.4	17.2
LS02-0455	16.0	15.3	15.9	14.8	14.6	16.9	17.7
LS02-2213	15.5	15.2	16.1	14.7	14.2	16.2	17.0
LS03-1416	16.6	16.1	16.4	16.2	15.3	16.5	18.5
LS03-2036	16.4	15.7	16.4	15.7	14.7	17.3	17.9
LS03-4993	15.9	15.3	16.1	14.6	15.0	16.4	17.5
LS03-5289	16.1	15.9	16.5	15.1	14.9	17.2	17.0
LS03D-3285	15.9	15.0	15.7	15.4	14.8	15.8	17.8
MD 03-5453	15.7	15.8	16.1	15.7	13.4	16.7	17.0
MD 03-5469	15.1	14.7	15.5	15.1	13.8	15.4	16.1
MD 03-5733	12.5	11.6	14.8	11.3	11.7	12.8	14.0
MD 03-5872	13.1	12.7	13.6	12.1	11.1	15.5	13.7

Uniform Test 00 Roundup-Ready, 2006

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	NK S00-J4	na	1		Rps1-c
2.	RG200RR	Traill*3 x (Council x Resnik(RR))	1		RR
3.	AG0301	na	1		Rps1-k
4.	ND02-7887	Walsh x RG200RR	1	F3	Rps6
5.	ND02-7895	Walsh x RG200RR	1	F3	Rps6
6.	ND02-8320	RG200RR x ND95-6634	1	F3	Rps1-k
7.	ND02-8778	RG200RR x RG405RR	1	F3	Rps6
8.	ND02-8807	RG200RR x RG405RR	1	F3	Rps6
9.	ND03-1748	RG200RR x RG405RR	new	F4	Rps6
10.	ND03-2116	Jim x RG405RR	new	F4	Rps6
11.	ND03-2225	Jim x RG405RR	new	F4	Rps6
12.	ND03-2279	Jim x RG405RR	new	F4	Rps6
13.	ND03-2312	Jim x RG405RR	new	F4	Rps6
14.	ND03-8275	RG200RR x RG405RR	new	F3	Rps6
15.	ND03-8281	RG200RR x RG405RR	new	F3	Rps6
16.	ND03-8313	RG200RR x RG405RR	new		
17.	ND03-8315	RG200RR x RG405RR	new	F3	Rps6
18.	ND03-8327	RG200RR x RG405RR	new	F3	Rps6
19.	ND03-8331	RG200RR x RG405RR	new	F3	Rps6
20.	ND03-8579	RG200RR x (Barnes x IA1009)	new	F3	Rps6

UNIFORM TEST 00 Roundup-Ready, 2006

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Fe Chlorosis	Shattering	PR	
		Score	Score	Lafayette	
		Granite Falls MN	Manhattan KS	Race 4	Race 7
NK S00-J4	PGTDYYI	3.6	2.0	S	R
RG200RR	PTBDYLgrI	3.1	2.0	S	S
AG0301	PTBDYBrI	2.9	2.0	R	R
ND02-7887	PTBDYYI	3.4	2.0	R	S
ND02-7895	PTBDYYI	3.3	2.0	R	S
ND02-8320	PTBDYYI	3.3	2.0	R	S*
ND02-8778	PTBDYBrI	3.4	1.0	R	S
ND02-8807	PTBDYBrI	3.3	1.0	R	S
ND03-1748	PT+GBDYY+BrI	2.9	2.0	R	S
ND03-2116	PGBDYBfI	3.3	3.0	R	R*
ND03-2225	PGBDYYI	3.0	4.0	R	R*
ND03-2279	PGBDYDbfI	3.8	4.0	R	R*
ND03-2312	PGBDYDbfI	3.8	4.0	R	R*
ND03-8275	PTBDYBrI	3.8	4.0	R	S
ND03-8281	PTBDYBrI	3.8	4.0	R	S
ND03-8313	PTBDYBrI	3.3	3.0	R*	S
ND03-8315	PTBDYBrI	3.4	3.0	R	S
ND03-8327	PTBDYBII	3.3	3.0	R	S
ND03-8331	PTBDYBII	3.9	2.0	R	S
ND03-8579	WTBDYBrI	3.4	2.0	S*	S

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

UNIFORM TEST 00 Roundup-Ready, 2006

REGIONAL SUMMARY

No. of Tests Strain	Yield 5 bu/a	Rank 5 No.	Maturity 5 Date	Lodging 5 Score	Plant Height 5 In	Seed Size 5 g/100	Seed Quality 4 Score	<u>Composition</u>	
								Protein 5 %	Oil 5 %
NK S00-J4	40.0	13	9/10	1.1	27	15.3	1.7	32.0	18.7
RG200RR	43.7	5	4.6	1.2	31	16.3	1.4	34.8	17.4
AG0301	47.2	1	6.4	1.0	33	16.0	1.8	31.6	18.3
ND02-7887	40.4	11	-3.0	1.0	29	16.4	1.3	34.2	18.2
ND02-7895	42.4	7	0.8	1.0	30	17.6	1.2	33.4	18.2
ND02-8320	40.5	10	-1.4	1.0	29	15.8	1.5	33.6	18.0
ND02-8778	39.7	14	-4.2	1.0	29	16.6	1.6	34.5	18.6
ND02-8807	37.3	19	-2.0	1.0	26	16.4	1.9	33.4	18.6
ND03-1748	44.1	3	0.2	1.1	31	16.9	1.2	33.9	18.4
ND03-2116	37.6	17	-3.8	1.1	31	17.6	1.7	32.9	18.4
ND03-2225	33.0	20	-9.8	1.0	26	16.7	1.8	34.8	18.5
ND03-2279	37.5	18	-3.2	1.0	27	17.7	1.3	34.2	17.9
ND03-2312	40.4	11	-2.0	1.0	30	19.3	1.4	34.5	18.0
ND03-8275	44.2	2	2.2	1.0	30	17.0	1.4	32.6	19.1
ND03-8281	43.8	4	0.8	1.0	31	17.6	1.3	33.5	18.5
ND03-8313	43.3	6	-1.2	1.0	32	16.6	1.4	32.9	18.4
ND03-8315	41.6	9	-1.2	1.0	29	16.3	1.4	34.2	18.6
ND03-8327	38.3	15	-2.2	1.0	29	16.8	1.3	33.3	18.7
ND03-8331	42.4	7	0.4	1.0	32	16.4	1.4	33.3	18.4
ND03-8579	37.9	16	-3.8	1.0	26	15.3	1.5	33.0	18.4

112.8 Days After Planting

UNIFORM TEST 00 Roundup-Ready, 2006

2005-2006 2-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	11 bu/a	11 No.	12 Date	12 Score	10 In.	12 g/100	10 Score	12 %	12 %
NK S00-J4	42.3	5	9/9	1.0	25	15.0	1.6	32.0	18.9
RG200RR	44.4	3	2.9	1.2	29	15.6	1.3	34.6	17.5
AG0301	48.2	1	6.6	1.0	32	15.6	1.8	31.7	18.5
ND02-7887	40.6	8	-2.3	1.0	27	16.0	1.2	34.1	18.1
ND02-7895	45.4	2	1.3	1.0	29	17.3	1.1	33.8	18.0
ND02-8320	43.5	4	-1.4	1.0	28	15.4	1.4	33.6	17.9
ND02-8778	41.9	7	-3.7	1.0	29	16.4	1.4	34.5	18.5
ND02-8807	42.1	6	-1.9	1.0	26	16.3	1.7	33.6	18.5

111.0 Days After Planting

UNIFORM TEST 00 Roundup-Ready, 2006

YIELD (bu/a)

Strain	Mean 5 Tests	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	St. Hyacinthe Que.
NK S00-J4	40.0	43.9	33.5	34.5	43.0	45.3
RG200RR	43.7	44.1	41.0	40.1	46.7	46.5
AG0301	47.2	48.4	42.4	45.1	49.8	50.3
ND02-7887	40.4	40.2	36.1	31.7	48.9	44.9
ND02-7895	42.4	46.3	35.2	35.4	48.8	46.5
ND02-8320	40.5	45.1	35.1	34.0	47.1	41.3
ND02-8778	39.7	39.3	38.5	32.0	46.5	42.0
ND02-8807	37.3	39.9	30.4	31.9	32.8	51.3
ND03-1748	44.1	45.2	38.2	42.1	47.5	47.3
ND03-2116	37.6	38.8	30.6	33.2	40.1	45.5
ND03-2225	33.0	40.8	22.0	24.3	35.8	42.0
ND03-2279	37.5	42.4	31.4	29.9	39.0	44.6
ND03-2312	40.4	41.2	37.2	29.4	44.9	49.2
ND03-8275	44.2	50.8	40.2	35.7	45.9	48.5
ND03-8281	43.8	47.0	34.6	37.3	53.6	46.6
ND03-8313	43.3	49.0	38.1	39.2	40.4	50.0
ND03-8315	41.6	46.3	37.2	31.9	50.5	41.9
ND03-8327	38.3	42.1	33.4	23.7	44.1	48.4
ND03-8331	42.4	46.7	42.9	34.4	36.7	51.2
ND03-8579	37.9	45.1	36.6	30.1	39.4	38.3
C.V. (%)		10.6	10.2	12.7	13.1	6.7
L.S.D. (5%)		7.8	6.1	7.5	9.8	6.5
Row Sp. (in.)		12	10	10	30	13
Rows/Plot		8	8	8	4	4
Reps		3	3	3	3	2

UNIFORM TEST 00 Roundup-Ready, 2006

YIELD RANK

Strain	Yield Rank	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	St. Hyacinthe Que.
NK S00-J4	13	12	15	8	13	13
RG200RR	5	11	3	3	8	11
AG0301	1	3	2	1	3	3
ND02-7887	11	17	11	15	4	14
ND02-7895	7	6	12	7	5	10
ND02-8320	10	9	13	10	7	19
ND02-8778	14	19	5	12	9	17
ND02-8807	19	18	19	13	20	1
ND03-1748	3	8	6	2	6	8
ND03-2116	17	20	18	11	15	12
ND03-2225	20	16	20	19	19	16
ND03-2279	18	13	17	17	17	15
ND03-2312	11	15	8	18	11	5
ND03-8275	2	1	4	6	10	6
ND03-8281	4	4	14	5	1	9
ND03-8313	6	2	7	4	14	4
ND03-8315	9	6	8	13	2	18
ND03-8327	15	14	16	20	12	7
ND03-8331	7	5	1	9	18	2
ND03-8579	16	9	10	16	16	20

UNIFORM TEST 00 Roundup-Ready, 2006

MATURITY (date)

Strain	Mean 5 Tests	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	St. Hyacinthe Que.
NK S00-J4	9/10	9/9	9/8	9/5	9/18	9/10
RG200RR	4.6	2	5	15	-3	1
AG0301	6.4	5	6	16	0	5
ND02-7887	-3.0	-4	-1	1	-8	-3
ND02-7895	0.8	1	2	6	-4	-1
ND02-8320	-1.4	-2	1	7	-11	-2
ND02-8778	-4.2	-4	-7	1	-7	-4
ND02-8807	-2.0	-1	-2	2	-5	-4
ND03-1748	0.2	0	2	9	-9	-1
ND03-2116	-3.8	-2	-4	-2	-8	-3
ND03-2225	-9.8	-12	-7	-4	-19	-7
ND03-2279	-3.2	3	-2	-2	-14	-1
ND03-2312	-2.0	0	-1	0	-9	0
ND03-8275	2.2	5	0	9	-1	-2
ND03-8281	0.8	1	2	11	-7	-3
ND03-8313	-1.2	2	1	3	-6	-6
ND03-8315	-1.2	1	-1	5	-8	-3
ND03-8327	-2.2	-1	-2	2	-6	-4
ND03-8331	0.4	2	-3	6	0	-3
ND03-8579	-3.8	0	-2	1	-12	-6
Date Planted	5/20	5/17	5/17	5/16	5/20	5/31
Days to Mature	113	115	114	112	121	102

UNIFORM TEST 00 Roundup-Ready, 2006

LODGING (score)

Strain	Mean 5 Tests	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	St. Hyacinthe Que.
NK S00-J4	1.1	1.3	1.0	1.0	1.0	1.0
RG200RR	1.2	2.0	1.0	1.0	1.0	1.0
AG0301	1.0	1.0	1.0	1.0	1.0	1.0
ND02-7887	1.0	1.0	1.0	1.0	1.0	1.0
ND02-7895	1.0	1.0	1.0	1.0	1.0	1.0
ND02-8320	1.0	1.0	1.0	1.0	1.0	1.0
ND02-8778	1.0	1.0	1.0	1.0	1.0	1.0
ND02-8807	1.0	1.0	1.0	1.0	1.0	1.0
ND03-1748	1.1	1.0	1.0	1.0	1.0	1.3
ND03-2116	1.1	1.3	1.0	1.0	1.0	1.0
ND03-2225	1.0	1.0	1.0	1.0	1.0	1.0
ND03-2279	1.0	1.0	1.0	1.0	1.0	1.0
ND03-2312	1.0	1.0	1.0	1.0	1.0	1.0
ND03-8275	1.0	1.0	1.0	1.0	1.0	1.0
ND03-8281	1.0	1.0	1.0	1.0	1.0	1.0
ND03-8313	1.0	1.0	1.0	1.0	1.0	1.0
ND03-8315	1.0	1.0	1.0	1.0	1.0	1.0
ND03-8327	1.0	1.0	1.0	1.0	1.0	1.0
ND03-8331	1.0	1.0	1.0	1.0	1.0	1.0
ND03-8579	1.0	1.0	1.0	1.0	1.0	1.0

UNIFORM TEST 00 Roundup-Ready, 2006

PLANT HEIGHT (inches)

Strain	Mean 5 Tests	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	St. Hyacinthe Que.
NK S00-J4	27	25	29	20	35	27
RG200RR	31	35	32	27	31	32
AG0301	33	31	37	30	35	34
ND02-7887	29	27	29	24	31	33
ND02-7895	30	30	30	27	30	32
ND02-8320	29	29	29	21	33	31
ND02-8778	29	29	31	23	31	31
ND02-8807	26	23	26	22	28	29
ND03-1748	31	32	32	25	30	35
ND03-2116	31	30	31	26	35	33
ND03-2225	26	26	25	23	30	27
ND03-2279	27	24	26	24	34	27
ND03-2312	30	30	32	25	35	30
ND03-8275	30	29	33	25	29	32
ND03-8281	31	32	32	26	33	32
ND03-8313	32	32	33	24	35	34
ND03-8315	29	28	31	23	35	29
ND03-8327	29	29	30	24	33	30
ND03-8331	32	29	33	23	44	33
ND03-8579	26	23	27	23	32	25

UNIFORM TEST 00 Roundup-Ready, 2006

SEED SIZE (g/100)

Strain	Mean 5 Tests	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	St. Hyacinthe Que.
NK S00-J4	15.3	13.7	15.0	16.0	15.1	16.9
RG200RR	16.3	15.3	15.0	17.2	17.4	16.4
AG0301	16.0	16.5	15.4	16.2	14.7	17.2
ND02-7887	16.4	15.6	15.8	16.4	16.6	17.8
ND02-7895	17.6	17.4	16.7	18.3	17.0	18.5
ND02-8320	15.8	15.8	15.5	15.9	15.9	16.1
ND02-8778	16.6	15.8	15.3	17.2	17.3	17.6
ND02-8807	16.4	14.8	15.3	17.4	16.5	18.2
ND03-1748	16.9	16.1	16.0	16.9	17.1	18.6
ND03-2116	17.6	15.5	17.7	18.3	17.2	19.5
ND03-2225	16.7	14.4	16.6	16.9	17.1	18.5
ND03-2279	17.7	17.8	17.9	17.5	15.0	20.2
ND03-2312	19.3	18.4	18.1	18.4	19.7	21.7
ND03-8275	17.0	14.3	16.9	17.6	18.1	18.3
ND03-8281	17.6	17.7	16.0	19.0	17.3	18.1
ND03-8313	16.6	15.0	16.4	16.4	17.2	17.8
ND03-8315	16.3	15.5	15.2	16.2	17.9	16.7
ND03-8327	16.8	15.3	15.5	16.6	19.0	17.7
ND03-8331	16.4	15.2	15.7	17.1	17.1	16.8
ND03-8579	15.3	14.5	14.5	15.9	15.2	16.2

UNIFORM TEST 00 Roundup-Ready, 2006

SEED QUALITY (score)

Strain	Mean 4 Tests	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	St. Hyacinthe Que.
NK S00-J4	1.7	1.3	1.7	1.7	2.0	
RG200RR	1.4	1.3	1.3	2.0	1.0	
AG0301	1.8	2.0	1.7	2.3	1.0	
ND02-7887	1.3	1.3	1.3	1.7	1.0	
ND02-7895	1.2	1.3	1.3	1.3	1.0	
ND02-8320	1.5	1.3	1.7	2.0	1.0	
ND02-8778	1.6	1.3	1.7	2.3	1.0	
ND02-8807	1.9	2.0	1.7	2.7	1.0	
ND03-1748	1.2	1.3	1.3	1.3	1.0	
ND03-2116	1.7	1.7	1.7	1.3	2.0	
ND03-2225	1.8	1.7	1.7	1.7	2.0	
ND03-2279	1.3	1.3	1.7	1.3	1.0	
ND03-2312	1.4	1.7	1.3	1.7	1.0	
ND03-8275	1.4	1.3	2.0	1.3	1.0	
ND03-8281	1.3	1.7	1.3	1.3	1.0	
ND03-8313	1.4	1.7	1.3	1.7	1.0	
ND03-8315	1.4	1.3	1.7	1.7	1.0	
ND03-8327	1.3	1.3	1.7	1.3	1.0	
ND03-8331	1.4	1.7	1.3	1.7	1.0	
ND03-8579	1.5	1.3	1.7	2.0	1.0	

UNIFORM TEST 00 Roundup-Ready, 2006

PROTEIN (%)

Strain	Mean 5 Tests	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	St. Hyacinthe Que.
NK S00-J4	32.0	30.2	32.0	33.2	33.1	31.6
RG200RR	34.8	34.0	33.4	35.5	36.5	34.5
AG0301	31.6	31.6	30.2	31.8	32.2	32.1
ND02-7887	34.2	33.0	33.3	35.0	35.3	34.4
ND02-7895	33.4	32.5	33.6	33.4	33.8	33.8
ND02-8320	33.6	32.4	33.2	33.4	34.8	34.1
ND02-8778	34.5	33.7	33.6	34.8	35.8	34.6
ND02-8807	33.4	31.5	32.6	33.5	35.0	34.5
ND03-1748	33.9	33.8	33.5	33.4	34.2	34.7
ND03-2116	32.9	31.0	32.1	32.6	34.1	34.5
ND03-2225	34.8	34.6	34.0	34.8	35.2	35.4
ND03-2279	34.2	33.9	33.9	34.6	33.9	34.5
ND03-2312	34.5	33.5	33.6	35.4	34.7	35.2
ND03-8275	32.6	30.9	31.3	34.2	33.1	33.5
ND03-8281	33.5	32.9	32.3	34.4	33.7	34.0
ND03-8313	32.9	31.8	32.8	32.3	33.9	33.9
ND03-8315	34.2	32.2	33.5	34.8	35.5	34.7
ND03-8327	33.3	32.0	32.3	33.6	34.7	33.7
ND03-8331	33.3	31.8	32.3	33.9	34.3	34.2
ND03-8579	33.0	32.6	32.5	32.2	33.9	33.8

* Protein and Oil values converted to 13% moisture basis.

UNIFORM TEST 00 Roundup-Ready, 2006

OIL (%)

Strain	Mean 5 Tests	Crookston MN	Moorhead MN	Shelly MN	Casselton ND	St. Hyacinthe Que.
NK S00-J4	18.7	18.3	18.3	17.9	19.6	19.6
RG200RR	17.4	16.7	17.7	16.6	17.9	17.8
AG0301	18.3	17.3	18.1	18.0	19.4	18.8
ND02-7887	18.2	17.3	18.8	17.7	18.5	18.4
ND02-7895	18.2	17.1	17.6	18.5	19.4	18.2
ND02-8320	18.0	17.4	18.1	17.6	18.9	17.9
ND02-8778	18.6	18.0	18.6	18.5	19.1	18.9
ND02-8807	18.6	18.4	18.3	18.6	19.0	18.6
ND03-1748	18.4	17.3	18.6	18.3	19.7	17.9
ND03-2116	18.4	18.1	18.3	18.4	19.1	18.4
ND03-2225	18.5	17.3	18.6	18.5	19.4	18.7
ND03-2279	17.9	16.9	17.7	17.7	18.9	18.4
ND03-2312	18.0	17.1	17.8	17.3	19.2	18.5
ND03-8275	19.1	18.6	19.0	18.4	20.1	19.4
ND03-8281	18.5	17.5	18.8	18.0	19.7	18.6
ND03-8313	18.4	17.2	18.2	18.5	19.5	18.6
ND03-8315	18.6	18.4	19.0	18.0	19.1	18.8
ND03-8327	18.7	18.1	18.6	18.6	19.6	18.9
ND03-8331	18.4	18.0	18.1	17.9	19.4	18.6
ND03-8579	18.4	17.5	18.0	18.5	19.3	18.4

Uniform Test 0 Roundup-Ready, 2006

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	RG405RR	Barnes*3 x (Council x Resnik(RR))	2	F3	Rps 6
2.	RG200RR	Traill*3 x (Council x Resnik(RR))	2		RR
3.	AG0801	na	2		Rps1-k
4.	SD1111RR (L)	A97-771039 x SD1081RR	2	F4	RR
5.	M99-386097	MN0302 x M96-134044	PT0-RR	F5	RR
6.	M00-522016	MN0301 x M96-133151	PT0-RR	F4	RR
7.	M00-524048	MN1803RR x M96-136086	new	F5	Rps1
8.	M00-530118	MN1803RR x M96-136086	new	F5	Rps1-k
9.	ND96-8929E	Walsh*3 x ND92-2381(RR)	1	F4	Rps 6
10.	ND02-4997	SD1091RR x Barnes	PT0-RR	F3	Rps6
11.	ND02-7844	Walsh x RG200RR	PT0-RR	F3	Rps6
12.	ND02-7868	Walsh x RG200RR	PT0-RR	F3	Rps6
13.	ND03-2304	Jim x RG405RR	new	F4	Rps6
14.	ND03-2305	Jim x RG405RR	new	F3	Rps6
15.	ND03-2874	RG200RR x IA1009	new	F4	SCN
16.	ND03-2991	RG200RR x IA1009	new	F4	SCN
17.	ND03-3281	Barnes x RG200RR	new	F4	Rps6
18.	ND03-8623	(SD96-702 x ND92-2381RR) x RG405RR	new	F3	Rps6
19.	ND03-8688	(SD96-702 x ND92-2381RR) x RG405RR	new	F3	Rps6
20.	ND03-8739	(SD96-702 x ND92-2381RR) x RG405RR	new	F3	Rps6
21.	SD00-1251R	(Surge x ResnikRR) x Surge	2	F4	RR, Rps1-k
22.	SD03-1384R	SD1081RR x SD99-027R	new	F5	RR, Rps1-k
23.	SD03-1701R	HS96-3332 x SD1091RR	new	F5	RR, Rps3
24.	SD03-1774R	Pion 9091 x SD1081RR	new	F5	RR, Rps1-a
25.	SD03-2271R	IA 2038 x SD93-828E	new	F5	RR , Rps1-k, Rps6
26.	SD03-2641R	Parker x SD1081RR	new	F5	RR
27.	SD03-2757R	IA1008 x SD1081RR	new	F5	RR
28.	SD03-3104R	IA2041 x SD1091RR	new	F5	RR
29.	SD03-3459R	A97-771039 x SD1081RR	new	F5	RR
30.	SD03-3472R	A97-771039 x SD1081RR	new	F5	RR
31.	SD03-3580R	SD93-828E x SD99-017R	new	F5	RR, Rps1-k, Rps6
32.	SD03-3794R	SD93-828E x SD99-003R	new	F5	RR, Rps1-k, Rps6
33.	SD03-3825R	SD1091RR x Dwight	new	F5	RR
34.	SD03-3869R	SD1091RR x Dwight	new	F5	RR
35.	SD03-3920R	SD93-828E x SD99-034R	new	F5	RR, Rps1-k, Rps6
36.	SD03-4191R	A96-246029 x SD1081RR	new	F5	RR

UNIFORM TEST 0 Roundup-Ready, 2006

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	<u>Shattering</u>	<u>Fe Chlorosis</u>	Lafayette	
		Score Manhattan KS	Score Granite Falls MN	Race 4	Race 7
RG405RR	PGBDYBfl	2.0	3.0	R	S
RG200RR	PTBDYLgrl	2.0	2.6	S	S
AG0801	PTBIYBII	1.0	2.4	R	R
SD1111RR (L)	PGBDYYI	1.0	2.8	S	S
M99-386097	PGTDYBfl	1.0	2.6	R*	R*
M00-522016	P+WGBIYYI	1.0	2.9	S	S
M00-524048	PGBDYLbII	2.0	2.4	H*	H*
M00-530118	WGSDYYI	2.0	2.8	R	R
ND96-8929E	PGBDYGrl	1.0	2.4	R	S
ND02-4997	PGBDYIbI	2.0	2.3	R	S
ND02-7844	PTBDYYI	4.0	2.8	R	S
ND02-7868	PGBDYGrl	2.0	2.9	R	S
ND03-2304	PGBDYBfl	3.0	3.3	H*	H*
ND03-2305	PGBDYYI	2.0	3.0	H*	S
ND03-2874	P+WBDYYI	3.0	2.9	S	S
ND03-2991	PG+TBDYGr+YI	2.0	2.9	S	S
ND03-3281	PGBDYBfl	1.0	2.8	R	R*
ND03-8623	PGBDYBfl	1.0	2.3	S*	S
ND03-8688	PGBDYBfl	1.0	2.4	R	S
ND03-8739	PT+GBDYBr+YI	1.0	2.9	R	S
SD00-1251R	PTSDYBII	1.0	3.0	R	R
SD03-1384R	PGTDYGrl	1.0	2.6	H*	H*
SD03-1701R	PGBDYIbI	1.0	3.1	R	S
SD03-1774R	PGBDYYI	1.0	2.1	S	R*
SD03-2271R	PGTDYIb+Grl	1.0	2.9	R	S*
SD03-2641R	WGBDYYI	1.0	3.0	S	S
SD03-2757R	PGBDYYI	1.0	2.6	S	S
SD03-3104R	PGBDYY+Lgrl	1.0	3.1	S	S
SD03-3459R	PGBDYBfl	1.0	2.1	S	S
SD03-3472R	WGBDYYI	2.0	3.4	S	S
SD03-3580R	PGTDYIbI	3.0	2.9	R	R
SD03-3794R	PGBDYGrl	2.0	2.8	R	R
SD03-3825R	PTBDYBII	3.0	3.0	S	S
SD03-3869R	PGSDYIbI	3.0	2.6	H*	H*
SD03-3920R	PTBDYBII	2.0	2.9	R	R
SD03-4191R	PGBDYYI	2.0	2.6	S	S

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

UNIFORM TEST 0 Roundup-Ready, 2006

REGIONAL SUMMARY

No. of Tests Strain	Yield 7 bu/a	Rank 7 No.	Maturity 11 Date	Lodging 10 Score	Plant Height 9 In.	Seed Size 11 g/100	Seed Quality 8 Score	Composition	
								Protein 8 %	Oil 8 %
RG405RR	42.6	28	9/12	1.1	10	17.4	1.8	33.8	19.2
RG200RR	37.9	36	-2.4	1.2	26	14.8	1.8	35.0	17.5
AG0801	47.6	3	5.0	1.3	32	16.0	1.5	33.6	17.8
SD1111RR (L)	49.4	1	8.0	1.4	32	15.9	1.8	33.0	18.5
M99-386097	45.7	12	8.8	1.2	32	14.6	1.8	34.3	17.9
M00-522016	42.8	27	3.1	1.2	28	14.2	1.6	34.5	18.4
M00-524048	43.7	19	2.2	1.2	30	14.0	1.8	34.1	18.0
M00-530118	42.9	25	3.9	1.2	27	15.5	1.6	35.4	17.8
ND96-8929E	39.1	35	-2.5	1.0	23	15.1	1.6	34.7	18.3
ND02-4997	46.6	9	2.7	1.2	31	17.9	1.8	35.2	18.4
ND02-7844	40.7	33	-0.5	1.1	30	15.3	1.8	34.3	17.8
ND02-7868	40.0	34	-0.2	1.0	28	15.2	1.9	34.3	18.2
ND03-2304	42.5	29	1.5	1.1	30	16.4	1.7	35.2	17.6
ND03-2305	42.1	30	2.5	1.0	30	17.3	1.7	35.0	17.7
ND03-2874	41.4	32	1.4	1.7	31	14.2	1.8	35.5	17.3
ND03-2991	46.8	8	8.4	1.4	30	15.9	1.9	34.4	17.1
ND03-3281	43.7	19	2.1	1.2	32	15.0	1.7	34.8	17.7
ND03-8623	44.2	17	5.6	1.3	33	15.3	1.8	33.2	18.7
ND03-8688	44.5	15	5.7	1.0	27	16.8	1.7	32.9	18.4
ND03-8739	41.6	31	1.9	1.1	30	16.6	1.7	33.8	18.4
SD00-1251R	44.4	16	7.4	1.3	31	17.6	1.6	34.7	17.5
SD03-1384R	43.8	18	3.1	1.0	26	16.4	1.7	34.9	17.9
SD03-1701R	44.6	14	5.4	1.1	28	17.2	1.6	34.9	17.5
SD03-1774R	48.1	2	4.7	1.1	27	16.3	1.6	33.1	18.7
SD03-2271R	46.0	11	5.8	1.2	30	15.0	1.7	33.3	18.2
SD03-2641R	44.9	13	6.4	1.0	28	15.9	1.5	34.8	18.8
SD03-2757R	47.3	6	8.0	1.3	31	15.7	1.7	33.5	17.7
SD03-3104R	43.2	22	7.6	1.0	27	19.0	1.6	36.0	17.7
SD03-3459R	47.4	5	7.8	1.0	28	16.7	1.5	33.1	18.2
SD03-3472R	47.6	3	7.0	1.1	29	17.7	1.6	32.3	18.5
SD03-3580R	46.5	10	7.5	1.0	29	15.0	1.6	34.0	18.2
SD03-3794R	42.9	25	7.2	1.2	29	14.8	1.8	33.5	18.1
SD03-3825R	43.2	22	5.2	1.1	26	16.3	1.7	34.6	17.7
SD03-3869R	43.2	22	5.1	1.1	28	14.6	1.7	34.7	18.1
SD03-3920R	47.3	6	7.8	1.2	31	13.2	1.6	33.6	18.0
SD03-4191R	43.4	21	5.8	1.4	27	13.6	1.5	34.0	17.4

108.2 Days After Planting

UNIFORM TEST 0 Roundup-Ready, 2006

2005-2006 2-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	30 bu/a	30 No.	25 Date	29 Score	30 In.	28 g/100	28 Score	10 %	10 %
RG405RR	44.7	4	9/10	1.4	22	17.0	1.7	33.7	19.1
RG200RR	40.2	6	-3.1	1.5	28	14.7	1.7	35.0	17.4
AG0801	50.1	2	4.4	1.5	33	15.9	1.5	33.6	17.9
SD1111RR (L)	51.0	1	6.9	1.7	35	15.6	1.7	33.1	18.4
ND96-8929E	41.7	5	-2.5	1.2	26	15.1	1.6	34.5	18.1
SD00-1251R	47.1	3	6.3	1.4	32	17.1	1.5	34.8	17.7

109.6 Days After Planting

2004-2006 3-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	43 bu/a	43 No.	37 Date	42 Score	43 In.	40 g/100	40 Score	14 %	14 %
RG405RR	41.1	4	9/13	1.3	24	16.3	1.8	34.1	18.4
RG200RR	37.2	5	-3.3	1.3	27	14.4	1.7	35.2	17.0
AG0801	45.9	2	3.6	1.3	31	15.5	1.6	34.1	17.4
SD1111RR (L)	46.2	1	6.5	1.5	33	15.0	1.7	28.6	18.0
SD00-1251R	43.1	3	5.8	1.3	30	16.6	1.6	35.2	17.2

115.4 Days After Planting

UNIFORM TEST 0 Roundup-Ready, 2006

YIELD (bu/a)

Strain	Mean 7 Tests	Grand Traverse Co.* MI	Presque Isle* MI	Morris* MN	Rosemount MN	Casselton ND
RG405RR	42.6	32.8	33.6	25.0	42.1	42.6
RG200RR	37.9	20.3	20.8	25.5	37.5	42.6
AG0801	47.6	44.5	37.9	30.5	47.7	56.6
SD1111RR (L)	49.4	36.9	37.8	32.3	48.0	50.9
M99-386097	45.7	45.7	36.5	36.5	46.9	52.6
M00-522016	42.8	30.1	36.6	26.9	46.6	48.3
M00-524048	43.7	41.0	41.1	27.1	45.6	48.9
M00-530118	42.9	28.7	32.4	22.7	46.6	52.1
ND96-8929E	39.1	26.5	16.3	19.6	37.7	45.9
ND02-4997	46.6	45.8	38.2	25.0	46.8	56.6
ND02-7844	40.7	41.9	21.4	29.8	42.8	52.9
ND02-7868	40.0	22.8	27.9	33.5	40.9	51.2
ND03-2304	42.5	32.9	34.9	26.8	41.5	47.4
ND03-2305	42.1	30.9	31.6	30.3	46.8	47.9
ND03-2874	41.4	34.7	27.5	24.1	42.6	51.9
ND03-2991	46.8	35.4	33.9	25.7	53.7	52.0
ND03-3281	43.7	36.7	38.2	38.0	43.1	48.1
ND03-8623	44.2	34.5	35.0	31.2	41.1	56.4
ND03-8688	44.5	39.7	36.1	27.0	42.8	56.7
ND03-8739	41.6	35.5	29.4	28.4	42.1	49.5
SD00-1251R	44.4	44.4	30.4	36.4	39.5	50.5
SD03-1384R	43.8	31.8	19.7	28.5	49.7	53.7
SD03-1701R	44.6	28.1	35.8	27.2	55.2	56.4
SD03-1774R	48.1	39.0	37.2	30.6	60.3	53.2
SD03-2271R	46.0	44.3	43.6	32.9	56.2	51.4
SD03-2641R	44.9	40.5	35.0	22.2	49.5	47.3
SD03-2757R	47.3	34.9	38.8	26.9	50.9	58.0
SD03-3104R	43.2	35.1	29.6	25.3	50.7	45.8
SD03-3459R	47.4	40.6	34.5	32.7	47.0	57.0
SD03-3472R	47.6	35.7	35.1	34.7	45.9	60.3
SD03-3580R	46.5	37.6	37.5	25.1	51.8	50.7
SD03-3794R	42.9	32.9	37.7	27.1	44.0	55.4
SD03-3825R	43.2	39.2	42.3	24.8	47.0	48.9
SD03-3869R	43.2	30.9	35.1	25.2	53.7	52.0
SD03-3920R	47.3	40.9	33.1	33.1	51.4	48.9
SD03-4191R	43.4	41.2	32.9	22.6	46.2	50.8
C.V. (%)		19.9	16.0	16.2	13.1	12.5
L.S.D. (5%)		12.1	9.0	7.5	9.9	10.3
Row Sp. (In.)		15	15	10	10	30
Rows/Plot		6	6	8	8	4
Reps		2	2	3	3	3

*Data not included in mean.

UNIFORM TEST 0 Roundup-Ready, 2006

YIELD (bu/a)

Strain	Woodstock Ont	Ottawa Ont	St. Hyacinthe Que.	Arlington SD	Aurora SD	Watertown* SD
RG405RR	41.1	53.6	55.6	35.7	27.7	17.1
RG200RR	40.3	45.7	47.9	28.7	22.8	12.6
AG0801	47.8	56.3	54.7	37.2	33.1	17.7
SD1111RR (L)	52.6	61.5	52.3	41.8	38.9	17.6
M99-386097	42.3	62.5	49.5	38.2	28.1	18.1
M00-522016	26.5	58.5	53.1	38.9	27.8	19.2
M00-524048	36.3	56.8	49.7	37.5	30.9	16.7
M00-530118	35.5	57.0	53.3	30.5	25.5	15.4
ND96-8929E	40.3	52.8	48.3	27.4	21.4	15.1
ND02-4997	49.8	53.0	51.2	38.8	29.8	16.5
ND02-7844	42.3	48.5	49.2	25.0	23.9	14.6
ND02-7868	37.4	54.2	50.7	21.8	23.8	14.1
ND03-2304	47.6	51.7	51.3	32.8	25.0	16.2
ND03-2305	30.6	54.9	53.9	33.2	27.1	15.9
ND03-2874	52.7	44.1	48.6	22.9	27.3	15.7
ND03-2991	48.2	55.5	47.5	35.0	35.4	17.2
ND03-3281	38.5	56.6	52.2	38.8	28.8	17.5
ND03-8623	38.1	55.1	48.2	37.2	33.3	16.5
ND03-8688	41.7	52.3	52.9	35.2	30.2	17.0
ND03-8739	32.6	54.2	48.1	35.2	29.3	17.4
SD00-1251R	46.1	59.7	52.8	27.1	35.2	18.3
SD03-1384R	41.2	54.2	49.6	35.7	22.3	18.2
SD03-1701R	40.2	53.4	50.9	33.5	22.5	18.5
SD03-1774R	36.4	63.6	50.8	41.9	30.6	19.1
SD03-2271R	34.6	55.5	49.9	41.6	32.7	18.0
SD03-2641R	41.2	50.4	51.4	41.9	32.5	16.3
SD03-2757R	46.3	57.1	51.8	39.4	27.5	16.9
SD03-3104R	42.9	53.8	45.2	38.9	25.3	18.7
SD03-3459R	46.3	59.6	51.7	38.8	31.7	21.1
SD03-3472R	45.8	58.1	48.6	44.0	30.7	17.8
SD03-3580R	41.2	58.0	50.3	44.1	29.1	16.5
SD03-3794R	29.8	55.1	50.5	41.0	24.7	21.0
SD03-3825R	41.4	56.4	49.7	37.3	21.8	19.2
SD03-3869R	38.4	50.2	51.7	37.9	18.5	14.6
SD03-3920R	46.5	58.4	49.1	41.9	34.7	20.0
SD03-4191R	45.3	51.7	42.9	36.9	29.9	15.8
C.V. (%)	9.8	7.4	5.5	12.8	14.3	12.5
L.S.D. (5%)	9.3	6.6	5.6	7.5	6.6	3.5
Row Sp. (In.)	14	16	13	30	30	30
Rows/Plot	4	4	4	4	4	4
Reps	2	3	2	3	3	3

*Data not included in mean.

UNIFORM TEST 0 Roundup-Ready, 2006

YIELD RANK

Strain	Yield Rank	Grand Traverse Co. MI	Presque Isle MI	Morris MN	Rosemount MN	Casselton ND
RG405RR	28	27	23	29	29	35
RG200RR	36	36	34	25	36	35
AG0801	3	3	7	12	13	5
SD1111RR (L)	1	16	8	9	12	20
M99-386097	12	2	13	2	16	13
M00-522016	27	31	12	21	19	28
M00-524048	19	8	3	18	23	25
M00-530118	25	32	26	33	19	14
ND96-8929E	35	34	36	36	35	33
ND02-4997	9	1	5	29	17	5
ND02-7844	33	6	33	14	26	12
ND02-7868	34	35	31	5	33	19
ND03-2304	29	25	20	23	31	31
ND03-2305	30	29	27	13	17	30
ND03-2874	32	23	32	32	28	17
ND03-2991	8	20	22	24	4	15
ND03-3281	19	17	6	1	25	29
ND03-8623	17	24	18	10	32	7
ND03-8688	15	12	14	20	26	4
ND03-8739	31	19	30	16	29	24
SD00-1251R	16	4	28	3	34	23
SD03-1384R	18	28	35	15	10	10
SD03-1701R	14	33	15	17	3	7
SD03-1774R	2	14	11	11	1	11
SD03-2271R	11	5	1	7	2	18
SD03-2641R	13	11	19	35	11	32
SD03-2757R	6	22	4	21	8	2
SD03-3104R	22	21	29	26	9	34
SD03-3459R	5	10	21	8	14	3
SD03-3472R	3	18	16	4	22	1
SD03-3580R	10	15	10	28	6	22
SD03-3794R	25	26	9	18	24	9
SD03-3825R	22	13	2	31	14	25
SD03-3869R	22	30	17	27	4	15
SD03-3920R	6	9	24	6	7	25
SD03-4191R	21	7	25	34	21	21

UNIFORM TEST 0 Roundup-Ready, 2006

YIELD RANK

Strain	Woodstock Ont	Ottawa Ont	St. Hyacinthe Que.	Arlington SD	Aurora SD	Watertown SD
RG405RR	21	25	1	22	21	19
RG200RR	22	35	33	31	31	36
AG0801	5	15	2	20	6	14
SD1111RR (L)	2	3	8	6	1	15
M99-386097	14	2	25	15	19	11
M00-522016	36	6	5	10	20	5
M00-524048	30	12	22	17	10	22
M00-530118	31	11	4	30	25	31
ND96-8929E	22	28	30	32	35	32
ND02-4997	3	27	15	12	15	23
ND02-7844	14	34	26	34	29	33
ND02-7868	28	21	18	36	30	35
ND03-2304	6	31	14	29	27	27
ND03-2305	34	20	3	28	24	28
ND03-2874	1	36	29	35	23	30
ND03-2991	4	17	34	26	2	18
ND03-3281	25	13	9	12	18	16
ND03-8623	27	19	31	19	5	23
ND03-8688	16	29	6	24	13	20
ND03-8739	33	22	32	24	16	17
SD00-1251R	10	4	7	33	3	9
SD03-1384R	18	23	24	22	33	10
SD03-1701R	24	26	16	27	32	8
SD03-1774R	29	1	17	3	12	6
SD03-2271R	32	16	21	7	7	12
SD03-2641R	18	32	13	5	8	26
SD03-2757R	8	10	10	9	22	21
SD03-3104R	13	24	35	10	26	7
SD03-3459R	8	5	12	12	9	1
SD03-3472R	11	8	28	2	11	13
SD03-3580R	18	9	20	1	17	25
SD03-3794R	35	18	19	8	28	2
SD03-3825R	17	14	23	18	34	4
SD03-3869R	26	33	11	16	36	34
SD03-3920R	7	7	27	3	4	3
SD03-4191R	12	30	36	21	14	29

UNIFORM TEST 0 Roundup-Ready, 2006

MATURITY (date)

Strain	Mean 11 Tests	Grand Traverse Co. MI	Presque Isle MI	Morris MN	Rosemount MN	Casselton ND
RG405RR	9/12	9/5	9/5	9/17	9/8	9/17
RG200RR	-2.4	-2	0	1	-3	-2
AG0801	5.0	8	7	3	3	4
SD1111RR (L)	8.0	7	11	6	8	10
M99-386097	8.8	14	11	6	8	6
M00-522016	3.1	2	8	2	6	3
M00-524048	2.2	5	7	2	1	-1
M00-530118	3.9	4	8	3	5	5
ND96-8929E	-2.5	-4	0	2	1	-5
ND02-4997	2.7	8	6	1	2	1
ND02-7844	-0.5	0	1	1	-1	1
ND02-7868	-0.2	-3	3	1	-1	-1
ND03-2304	1.5	1	1	2	0	6
ND03-2305	2.5	1	5	2	3	3
ND03-2874	1.4	3	2	2	-1	0
ND03-2991	8.4	9	11	4	9	10
ND03-3281	2.1	3	4	2	1	3
ND03-8623	5.6	7	8	4	5	7
ND03-8688	5.7	8	10	4	7	3
ND03-8739	1.9	2	3	2	3	0
SD00-1251R	7.4	10	7	3	9	8
SD03-1384R	3.1	3	1	3	4	-1
SD03-1701R	5.4	2	6	2	7	7
SD03-1774R	4.7	9	7	2	7	4
SD03-2271R	5.8	9	11	2	8	3
SD03-2641R	6.4	7	9	2	5	8
SD03-2757R	8.0	7	11	4	9	10
SD03-3104R	7.6	9	5	5	7	10
SD03-3459R	7.8	10	9	6	8	7
SD03-3472R	7.0	7	8	5	8	8
SD03-3580R	7.5	10	8	5	9	6
SD03-3794R	7.2	9	8	4	9	9
SD03-3825R	5.2	7	5	5	5	1
SD03-3869R	5.1	5	7	4	8	3
SD03-3920R	7.8	10	8	5	9	12
SD03-4191R	5.8	9	7	3	6	7
Date Planted	5/26	5/24	5/24	6/6	6/12	5/20
Days to Mature	108	104	104	103	88	120

UNIFORM TEST 0 Roundup-Ready, 2006

MATURITY (date)

Strain	Woodstock Ont	Ottawa Ont	St. Hyacinthe Que.	Arlington SD	Aurora SD	Watertown SD
RG405RR	9/20	9/15	9/15	9/14	9/10	9/6
RG200RR	-3	-5	-7	1	-4	-2
AG0801	6	5	5	5	2	7
SD1111RR (L)	9	12	6	9	5	5
M99-386097	10	10	8	6	5	13
M00-522016	2	2	3	2	3	1
M00-524048	0	-1	1	1	2	7
M00-530118	3	0	1	1	5	8
ND96-8929E	-2	-4	-4	-3	-4	-4
ND02-4997	2	2	3	2	0	3
ND02-7844	-1	-4	-2	0	1	-1
ND02-7868	0	1	0	1	1	-4
ND03-2304	1	-1	2	1	2	1
ND03-2305	2	1	2	2	1	5
ND03-2874	4	-2	3	2	0	2
ND03-2991	10	6	6	9	8	10
ND03-3281	0	1	2	1	3	3
ND03-8623	5	3	5	2	12	4
ND03-8688	5	6	4	2	5	9
ND03-8739	0	0	1	6	3	1
SD00-1251R	8	2	5	8	11	10
SD03-1384R	4	3	4	3	3	7
SD03-1701R	7	9	3	5	4	7
SD03-1774R	4	5	4	2	2	6
SD03-2271R	7	5	4	2	4	9
SD03-2641R	10	4	5	9	5	6
SD03-2757R	10	8	10	6	5	8
SD03-3104R	7	6	7	5	6	17
SD03-3459R	8	12	5	9	5	7
SD03-3472R	7	7	5	6	6	10
SD03-3580R	8	5	5	7	4	15
SD03-3794R	6	9	6	5	3	11
SD03-3825R	7	2	5	8	4	8
SD03-3869R	7	4	6	3	1	8
SD03-3920R	9	6	6	5	2	14
SD03-4191R	8	6	7	0	3	8
Date Planted	6/6	5/26	5/30	5/15	5/17	5/22
Days to Mature	106	112	108	122	116	107

UNIFORM TEST 0 Roundup-Ready, 2006

LODGING (score)

Strain	Mean 10 Tests	Grand Traverse Co. MI	Presque Isle MI	Morris MN	Rosemount MN	Casselton ND
RG405RR	1.1	1.0	1.0	1.0	1.0	1.3
RG200RR	1.2	1.0	1.0	1.0	1.0	1.7
AG0801	1.3	1.0	1.0	1.0	1.3	1.7
SD1111RR (L)	1.4	1.0	1.0	1.0	1.7	2.7
M99-386097	1.2	1.5	1.0	1.0	1.3	2.3
M00-522016	1.2	1.0	1.0	1.0	1.7	1.7
M00-524048	1.2	1.0	1.0	1.0	1.0	1.3
M00-530118	1.2	1.0	1.0	1.0	1.0	1.3
ND96-8929E	1.0	1.0	1.0	1.0	1.0	1.3
ND02-4997	1.2	1.5	1.0	1.0	1.0	2.3
ND02-7844	1.1	1.0	1.0	1.0	1.0	1.7
ND02-7868	1.0	1.0	1.0	1.0	1.0	1.0
ND03-2304	1.1	1.0	1.0	1.0	1.0	1.7
ND03-2305	1.0	1.0	1.0	1.0	1.0	1.3
ND03-2874	1.7	1.0	1.0	1.0	2.0	2.7
ND03-2991	1.4	1.0	1.0	1.0	2.0	2.3
ND03-3281	1.2	1.0	1.0	1.0	2.0	1.7
ND03-8623	1.3	1.0	1.0	1.0	1.7	2.0
ND03-8688	1.0	1.0	1.0	1.0	1.0	1.0
ND03-8739	1.1	1.0	1.0	1.0	1.0	1.3
SD00-1251R	1.3	1.5	1.0	1.0	1.3	2.0
SD03-1384R	1.0	1.0	1.0	1.0	1.0	1.0
SD03-1701R	1.1	1.0	1.0	1.0	1.0	1.3
SD03-1774R	1.1	1.0	1.0	1.0	1.7	1.7
SD03-2271R	1.2	1.0	1.0	1.0	1.7	1.7
SD03-2641R	1.0	1.0	1.0	1.0	1.0	1.3
SD03-2757R	1.3	1.0	1.0	1.0	1.3	2.3
SD03-3104R	1.0	1.0	1.0	1.0	1.0	1.0
SD03-3459R	1.0	1.0	1.0	1.0	1.0	1.0
SD03-3472R	1.1	1.0	1.0	1.0	1.0	1.7
SD03-3580R	1.0	1.0	1.0	1.0	1.0	1.0
SD03-3794R	1.2	1.0	1.0	1.0	1.0	1.3
SD03-3825R	1.1	1.0	1.0	1.0	1.0	1.0
SD03-3869R	1.1	1.0	1.0	1.0	1.0	1.0
SD03-3920R	1.2	1.0	1.0	1.0	1.7	1.7
SD03-4191R	1.4	1.0	1.0	1.0	1.7	1.7

UNIFORM TEST 0 Roundup-Ready, 2006

LODGING (score)

Strain	Woodstock Ont	Ottawa Ont	St. Hyacinthe Que.	Arlington SD	Aurora SD	Watertown SD
RG405RR	1.0	1.0	1.3	1.0	1.0	
RG200RR	1.0	1.0	1.0	1.0	2.0	
AG0801	1.0	1.2	1.3	1.0	2.0	
SD1111RR (L)	1.2	1.0	1.0	1.0	2.0	
M99-386097	1.0	1.0	1.0	1.0	1.0	
M00-522016	1.0	1.0	1.8	1.0	1.0	
M00-524048	1.3	1.0	1.5	1.0	2.0	
M00-530118	1.0	1.0	1.3	1.0	2.0	
ND96-8929E	1.0	1.0	1.0	1.0	1.0	
ND02-4997	1.3	1.0	1.3	1.0	1.0	
ND02-7844	1.3	1.0	1.0	1.0	1.0	
ND02-7868	1.0	1.0	1.3	1.0	1.0	
ND03-2304	1.0	1.0	1.5	1.0	1.0	
ND03-2305	1.0	1.0	1.0	1.0	1.0	
ND03-2874	1.5	1.3	2.5	1.0	3.0	
ND03-2991	1.3	1.0	1.5	1.0	2.0	
ND03-3281	1.2	1.0	1.3	1.0	1.0	
ND03-8623	1.3	1.2	1.8	1.0	1.0	
ND03-8688	1.0	1.0	1.0	1.0	1.0	
ND03-8739	1.0	1.0	1.3	1.0	1.0	
SD00-1251R	1.3	1.0	1.8	1.0	1.0	
SD03-1384R	1.0	1.0	1.0	1.0	1.0	
SD03-1701R	1.0	1.3	1.8	1.0	1.0	
SD03-1774R	1.0	1.0	1.0	1.0	1.0	
SD03-2271R	1.0	1.0	1.3	1.0	1.0	
SD03-2641R	1.0	1.0	1.0	1.0	1.0	
SD03-2757R	1.0	1.0	2.0	1.0	1.0	
SD03-3104R	1.0	1.0	1.3	1.0	1.0	
SD03-3459R	1.0	1.0	1.3	1.0	1.0	
SD03-3472R	1.0	1.0	1.3	1.0	1.0	
SD03-3580R	1.0	1.0	1.0	1.0	1.0	
SD03-3794R	1.0	1.3	1.0	1.0	2.0	
SD03-3825R	1.0	1.0	1.8	1.0	1.0	
SD03-3869R	1.0	1.0	1.8	1.0	1.0	
SD03-3920R	1.0	1.1	1.3	1.0	1.0	
SD03-4191R	1.3	1.0	2.8	1.0	1.0	

UNIFORM TEST 0 Roundup-Ready, 2006

PLANT HEIGHT (inches)

Strain	Mean 9 Tests	Grand Traverse Co. MI	Presque Isle MI	Morris MN	Rosemount MN	Casselton ND
RG405RR	10	24	27	27	37	35
RG200RR	26	21	21	23	30	28
AG0801	32	27	28	30	35	38
SD1111RR (L)	32	28	28	29	37	35
M99-386097	32	32	26	29	36	42
M00-522016	28	23	25	28	33	38
M00-524048	30	27	29	25	36	40
M00-530118	27	24	23	23	31	32
ND96-8929E	23	20	16	22	26	31
ND02-4997	31	34	27	29	38	38
ND02-7844	30	32	17	29	37	40
ND02-7868	28	22	26	26	34	35
ND03-2304	30	28	27	25	37	40
ND03-2305	30	27	25	27	37	39
ND03-2874	31	29	21	30	37	40
ND03-2991	30	30	26	25	36	32
ND03-3281	32	30	26	31	35	42
ND03-8623	33	28	28	31	40	34
ND03-8688	27	26	24	24	30	33
ND03-8739	30	30	23	27	37	29
SD00-1251R	31	30	23	26	37	33
SD03-1384R	26	22	17	25	34	32
SD03-1701R	28	24	27	25	37	37
SD03-1774R	27	24	22	24	35	31
SD03-2271R	30	29	31	25	37	36
SD03-2641R	28	26	24	21	31	36
SD03-2757R	31	28	28	25	39	39
SD03-3104R	27	24	25	21	32	36
SD03-3459R	28	24	22	25	33	31
SD03-3472R	29	23	23	27	37	37
SD03-3580R	29	24	27	24	36	32
SD03-3794R	29	24	26	26	36	35
SD03-3825R	26	22	22	21	33	33
SD03-3869R	28	23	21	24	34	34
SD03-3920R	31	30	27	28	37	34
SD03-4191R	27	24	21	22	33	39

UNIFORM TEST 0 Roundup-Ready, 2006

PLANT HEIGHT (inches)

Strain	Woodstock Ont	Ottawa Ont	St. Hyacinthe Que.	Arlington SD	Aurora SD	Watertown SD
RG405RR	30	31	38	28	23	
RG200RR	28	27	34	29	24	
AG0801	29	33	37	30	30	
SD1111RR (L)	32	33	37	33	27	
M99-386097	32	33	36	26	27	
M00-522016	24	30	33	25	22	
M00-524048	26	36	37	21	25	
M00-530118	20	30	37	22	24	
ND96-8929E	25	27	34	17	14	
ND02-4997	31	31	37	25	22	
ND02-7844	30	31	36	24	21	
ND02-7868	25	31	38	21	19	
ND03-2304	31	31	37	25	19	
ND03-2305	26	34	40	22	27	
ND03-2874	34	32	40	26	25	
ND03-2991	29	32	35	31	27	
ND03-3281	30	33	37	32	25	
ND03-8623	30	39	38	36	27	
ND03-8688	25	26	35	27	17	
ND03-8739	23	32	38	31	25	
SD00-1251R	28	33	37	31	31	
SD03-1384R	26	27	31	26	24	
SD03-1701R	27	30	37	17	15	
SD03-1774R	26	29	34	24	23	
SD03-2271R	25	31	36	26	26	
SD03-2641R	29	27	35	25	24	
SD03-2757R	30	32	39	26	21	
SD03-3104R	27	29	34	20	21	
SD03-3459R	26	29	34	27	25	
SD03-3472R	28	31	33	26	22	
SD03-3580R	27	30	36	29	25	
SD03-3794R	25	31	36	24	23	
SD03-3825R	27	28	33	25	20	
SD03-3869R	24	31	36	29	21	
SD03-3920R	31	34	35	30	25	
SD03-4191R	27	30	33	23	16	

UNIFORM TEST 0 Roundup-Ready, 2006

SEED SIZE (g/100)

Strain	Mean 11 Tests	Grand Traverse Co. MI	Presque Isle MI	Morris MN	Rosemount MN	Casselton ND
RG405RR	17.4	16.7	16.6	15.0	27.0	14.3
RG200RR	14.8	13.1	14.5	12.5	15.0	16.0
AG0801	16.0	16.2	15.5	14.3	14.8	15.0
SD1111RR (L)	15.9	15.2	14.8	15.7	15.8	15.6
M99-386097	14.6	14.7	13.3	14.1	14.1	14.8
M00-522016	14.2	13.2	13.5	12.1	15.2	11.5
M00-524048	14.0	13.6	12.9	13.7	14.9	13.4
M00-530118	15.5	14.6	14.5	15.3	15.6	15.5
ND96-8929E	15.1	13.4	15.3	13.4	15.5	14.3
ND02-4997	17.9	17.9	17.3	15.5	18.5	17.2
ND02-7844	15.3	14.9	15.6	14.3	16.2	15.8
ND02-7868	15.2	13.7	15.0	15.1	16.1	16.2
ND03-2304	16.4	15.4	15.6	16.6	17.0	15.4
ND03-2305	17.3	16.6	16.9	16.6	17.5	16.9
ND03-2874	14.2	13.7	12.7	13.2	15.4	14.6
ND03-2991	15.9	15.2	13.6	15.4	17.2	14.5
ND03-3281	15.0	14.0	13.6	14.9	14.9	16.4
ND03-8623	15.3	15.5	14.5	14.7	16.0	15.6
ND03-8688	16.8	16.3	14.9	17.7	17.4	17.9
ND03-8739	16.6	15.3	16.3	14.9	16.6	16.8
SD00-1251R	17.6	17.6	16.6	15.8	16.1	17.5
SD03-1384R	16.4	15.4	16.7	14.9	17.5	17.3
SD03-1701R	17.2	16.7	15.8	16.9	19.2	18.7
SD03-1774R	16.3	15.9	14.5	18.1	16.0	13.8
SD03-2271R	15.0	14.2	13.4	15.0	16.1	13.9
SD03-2641R	15.9	15.0	14.5	15.1	16.2	16.6
SD03-2757R	15.7	14.2	12.7	14.8	17.5	16.0
SD03-3104R	19.0	19.3	16.4	19.5	16.1	18.3
SD03-3459R	16.7	16.2	15.9	17.3	17.7	15.5
SD03-3472R	17.7	17.5	16.3	18.1	17.9	17.2
SD03-3580R	15.0	14.7	13.8	13.2	14.5	14.6
SD03-3794R	14.8	14.4	13.3	13.1	14.3	17.3
SD03-3825R	16.3	15.0	15.0	15.6	15.8	16.1
SD03-3869R	14.6	13.2	13.1	13.2	14.5	13.5
SD03-3920R	13.2	14.0	12.5	12.3	12.9	12.8
SD03-4191R	13.6	12.9	12.6	12.2	14.5	12.9

UNIFORM TEST 0 Roundup-Ready, 2006

SEED SIZE (g/100)

Strain	Woodstock Ont	Ottawa Ont	St. Hyacinthe Que.	Arlington SD	Aurora SD	Watertown SD
RG405RR	14.9	19.5	17.6	18.4	15.9	15.0
RG200RR	13.8	17.6	16.7	16.2	14.7	12.3
AG0801	15.0	18.3	17.2	17.2	17.2	15.0
SD1111RR (L)	14.0	17.5	15.1	16.2	19.1	16.4
M99-386097	13.2	15.9	14.5	15.5	14.3	16.1
M00-522016	13.1	17.0	14.6	17.1	15.0	14.0
M00-524048	12.5	16.2	13.8	14.2	14.4	14.9
M00-530118	13.3	17.0	16.1	17.2	15.3	16.4
ND96-8929E	14.3	17.3	16.6	17.4	15.1	13.1
ND02-4997	16.3	20.0	20.0	20.5	17.8	16.2
ND02-7844	14.7	17.2	16.3	13.9	14.1	14.9
ND02-7868	14.3	17.0	16.0	16.7	14.3	13.3
ND03-2304	14.7	18.6	17.5	18.5	15.7	14.9
ND03-2305	16.0	20.0	19.3	18.3	15.9	16.5
ND03-2874	13.9	15.6	15.2	14.7	14.2	13.5
ND03-2991	14.3	17.6	16.9	16.5	17.8	15.7
ND03-3281	12.0	16.4	14.8	17.5	16.1	14.8
ND03-8623	14.9	16.4	14.9	15.8	15.8	14.0
ND03-8688	12.7	18.2	16.9	18.7	18.5	16.0
ND03-8739	14.1	19.3	17.1	18.9	17.7	15.1
SD00-1251R	16.1	19.8	17.6	18.6	19.8	18.3
SD03-1384R	14.1	18.9	16.4	17.3	15.7	15.8
SD03-1701R	16.0	21.2	18.8	16.0	15.7	14.4
SD03-1774R	15.1	18.7	16.9	17.5	17.5	15.7
SD03-2271R	13.2	16.6	13.8	15.9	15.1	17.3
SD03-2641R	15.1	16.9	16.2	16.9	18.3	14.3
SD03-2757R	15.1	17.1	16.2	16.8	16.5	15.5
SD03-3104R	17.7	21.7	20.0	21.1	17.8	21.0
SD03-3459R	14.5	19.0	15.9	18.1	16.5	17.1
SD03-3472R	15.5	19.9	18.0	19.1	18.2	17.1
SD03-3580R	15.0	16.7	15.1	15.8	15.4	15.9
SD03-3794R	12.5	16.0	14.9	15.9	14.0	16.9
SD03-3825R	16.4	17.9	17.4	16.7	16.1	17.2
SD03-3869R	13.6	16.2	15.4	16.4	16.3	15.6
SD03-3920R	12.5	14.2	13.4	13.2	12.8	15.0
SD03-4191R	13.0	14.9	14.1	14.7	13.5	14.0

UNIFORM TEST 0 Roundup-Ready, 2006

SEED QUALITY (score)

Strain	Mean 8 Tests	Grand Traverse Co. MI	Presque Isle MI	Morris MN	Rosemount MN	Casselton ND
RG405RR	1.8			1.3	2.3	1.0
RG200RR	1.8			1.3	2.0	1.0
AG0801	1.5			1.0	1.7	1.0
SD1111RR (L)	1.8			1.3	1.3	1.0
M99-386097	1.8			1.3	1.3	1.0
M00-522016	1.6			1.3	1.7	1.0
M00-524048	1.8			1.3	1.7	1.0
M00-530118	1.6			1.3	1.3	1.0
ND96-8929E	1.6			1.7	1.3	1.0
ND02-4997	1.8			1.3	1.7	1.0
ND02-7844	1.8			1.3	1.7	1.0
ND02-7868	1.9			1.3	1.7	1.0
ND03-2304	1.7			1.3	2.0	1.0
ND03-2305	1.7			1.3	2.0	1.0
ND03-2874	1.8			1.3	1.7	1.0
ND03-2991	1.9			1.3	2.0	1.0
ND03-3281	1.7			1.3	2.0	1.0
ND03-8623	1.8			1.3	2.0	1.0
ND03-8688	1.7			1.3	1.3	1.0
ND03-8739	1.7			1.3	1.7	1.0
SD00-1251R	1.6			1.3	1.3	1.0
SD03-1384R	1.7			1.3	1.3	1.0
SD03-1701R	1.6			1.3	1.3	1.0
SD03-1774R	1.6			1.7	1.7	1.0
SD03-2271R	1.7			1.3	1.3	2.0
SD03-2641R	1.5			1.3	1.3	1.0
SD03-2757R	1.7			1.3	1.3	2.0
SD03-3104R	1.6			1.3	1.3	1.0
SD03-3459R	1.5			1.3	1.3	1.0
SD03-3472R	1.6			1.3	1.0	1.0
SD03-3580R	1.6			1.3	1.3	1.0
SD03-3794R	1.8			1.3	1.7	1.0
SD03-3825R	1.7			1.3	1.7	1.0
SD03-3869R	1.7			1.3	1.3	1.0
SD03-3920R	1.6			1.3	1.7	1.0
SD03-4191R	1.5			1.3	1.3	1.0

UNIFORM TEST 0 Roundup-Ready, 2006

SEED QUALITY (score)

Strain	Woodstock Ont	Ottawa Ont	St. Hyacinthe Que.	Arlington SD	Aurora SD	Watertown SD
RG405RR	1.5	1.0		2.0	3.0	2.0
RG200RR	2.0	1.0		2.0	2.0	3.0
AG0801	1.5	1.0		2.0	2.0	2.0
SD1111RR (L)	1.5	1.0		4.0	2.0	2.0
M99-386097	2.0	1.0		2.0	3.0	3.0
M00-522016	2.0	1.0		2.0	2.0	2.0
M00-524048	2.0	1.0		2.0	2.0	3.0
M00-530118	2.0	1.0		2.0	2.0	2.0
ND96-8929E	2.0	1.0		2.0	2.0	2.0
ND02-4997	1.5	1.0		2.0	3.0	3.0
ND02-7844	2.5	1.0		2.0	2.0	3.0
ND02-7868	2.0	1.0		2.0	3.0	3.0
ND03-2304	2.0	1.0		2.0	2.0	2.0
ND03-2305	2.0	1.0		2.0	2.0	2.0
ND03-2874	2.0	1.0		2.0	2.0	3.0
ND03-2991	2.5	1.0		3.0	2.0	2.0
ND03-3281	2.0	1.0		2.0	2.0	2.0
ND03-8623	2.0	1.0		2.0	2.0	3.0
ND03-8688	2.0	1.0		2.0	2.0	3.0
ND03-8739	1.5	1.0		2.0	3.0	2.0
SD00-1251R	1.5	1.0		3.0	2.0	2.0
SD03-1384R	2.0	1.0		2.0	2.0	3.0
SD03-1701R	2.0	1.0		2.0	2.0	2.0
SD03-1774R	1.5	1.0		2.0	2.0	2.0
SD03-2271R	2.0	1.0		2.0	2.0	2.0
SD03-2641R	1.5	1.0		2.0	2.0	2.0
SD03-2757R	2.0	1.0		2.0	2.0	2.0
SD03-3104R	1.5	1.0		2.0	2.0	3.0
SD03-3459R	1.5	1.0		2.0	2.0	2.0
SD03-3472R	1.5	1.0		3.0	2.0	2.0
SD03-3580R	1.5	1.0		2.0	2.0	3.0
SD03-3794R	2.0	1.0		2.0	2.0	3.0
SD03-3825R	1.5	1.0		2.0	2.0	3.0
SD03-3869R	2.0	1.0		2.0	3.0	2.0
SD03-3920R	1.5	1.0		2.0	2.0	2.0
SD03-4191R	1.5	1.0		2.0	2.0	2.0

UNIFORM TEST 0 Roundup-Ready, 2006

PROTEIN (%)

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Woodstock Ont.	Ottawa Ont.	Arlington SD	Watertown SD	St. Hyacinthe Que.
RG405RR	33.8	34.5	34.5	32.2	34.5	33.5	33.4	35.2	32.8
RG200RR	35.0	34.9	34.9	31.9	36.0	35.7	36.2	35.2	35.1
AG0801	33.6	33.2	33.2	34.5	35.1	33.3	32.8	33.4	33.3
SD1111RR (L)	33.0	34.4	34.4	31.8	34.1	31.7	32.6	33.1	32.1
M99-386097	34.3	35.0	35.0	33.3	35.1	33.0	33.2	37.0	32.6
M00-522016	34.5	34.5	34.5	33.0	35.8	34.5	34.3	35.0	34.1
M00-524048	34.1	33.1	33.1	34.0	35.7	33.6	33.8	35.7	33.6
M00-530118	35.4	35.3	35.3	33.1	36.4	35.8	34.5	38.1	34.5
ND96-8929E	34.7	35.2	35.2	33.8	35.2	34.8	36.1	33.8	33.8
ND02-4997	35.2	36.0	36.0	33.8	36.1	35.1	35.1	34.9	34.4
ND02-7844	34.3	33.7	33.7	33.4	36.0	34.4	33.7	35.8	34.0
ND02-7868	34.3	33.7	33.7	33.4	35.8	33.8	35.0	35.2	33.8
ND03-2304	35.2	35.8	35.8	32.7	36.0	34.4	35.3	38.0	33.8
ND03-2305	35.0	35.1	35.1	33.0	37.1	34.8	34.7	36.2	33.7
ND03-2874	35.5	35.8	35.8	34.5	35.8	34.5	35.1	37.4	34.8
ND03-2991	34.4	35.9	35.9	33.7	35.5	33.8	32.6	34.0	33.6
ND03-3281	34.8	36.1	36.1	31.8	36.3	34.5	34.7	35.3	33.9
ND03-8623	33.2	33.3	33.3	33.1	35.0	32.6	32.0	33.4	32.5
ND03-8688	32.9	32.2	32.2	33.1	34.0	32.2	33.3	33.8	32.8
ND03-8739	33.8	34.2	34.2	32.0	34.5	34.1	34.0	34.5	32.7
SD00-1251R	34.7	34.4	34.4	33.7	37.1	34.9	33.4	36.2	33.6
SD03-1384R	34.9	36.0	36.0	34.5	35.7	34.2	33.7	35.2	34.2
SD03-1701R	34.9	34.3	34.3	34.9	36.4	34.8	34.7	35.1	34.8
SD03-1774R	33.1	34.4	34.4	31.4	34.8	33.1	32.1	33.0	31.9
SD03-2271R	33.3	33.2	33.2	32.9	34.8	32.9	31.0	36.0	32.5
SD03-2641R	34.8	35.4	35.4	33.8	36.5	33.8	34.3	34.9	33.8
SD03-2757R	33.5	34.8	34.8	32.9	35.2	31.7	31.9	33.8	33.4
SD03-3104R	36.0	35.7	35.7	34.2	37.5	35.2	35.1	38.8	36.1
SD03-3459R	33.1	33.2	33.2	31.8	34.5	33.1	32.0	34.3	32.2
SD03-3472R	32.3	32.1	32.1	31.7	33.1	31.7	31.2	34.8	31.5
SD03-3580R	34.0	33.5	33.5	33.1	36.2	34.0	32.5	35.2	34.1
SD03-3794R	33.5	33.1	33.1	33.8	35.5	33.0	31.9	34.3	33.3
SD03-3825R	34.6	34.7	34.7	34.0	35.4	34.3	32.8	36.7	33.8
SD03-3869R	34.7	34.1	34.1	32.6	36.0	33.8	34.5	37.7	34.8
SD03-3920R	33.6	34.0	34.0	32.6	35.1	32.6	32.4	34.0	34.1
SD03-4191R	34.0	34.4	34.4	32.4	35.4	32.6	35.0	34.8	32.9

* Protein and Oil values converted to 13% moisture basis.

UNIFORM TEST 0 Roundup-Ready, 2006

OIL (%)

Strain	Mean 8 Tests	Morris MN	Rosemount MN	Casselton ND	Woodstock Ont.	Ottawa Ont.	Arlington SD	Watertown SD	St. Hyacinthe Que.
RG405RR	19.2	18.8	18.8	20.0	18.1	20.4	19.6	18.3	19.6
RG200RR	17.5	17.8	17.8	19.2	16.6	18.2	16.5	16.7	17.3
AG0801	17.8	17.4	17.4	18.6	17.2	19.1	17.1	17.4	18.4
SD1111RR (L)	18.5	17.7	17.7	19.7	17.4	20.1	18.0	18.4	19.1
M99-386097	17.9	17.0	17.0	19.2	16.8	19.6	18.3	16.6	18.4
M00-522016	18.4	18.3	18.3	19.4	16.8	19.1	18.3	18.0	18.8
M00-524048	18.0	18.3	18.3	18.8	16.6	19.1	18.0	16.6	18.1
M00-530118	17.8	17.7	17.7	19.1	16.8	18.2	18.5	16.2	18.3
ND96-8929E	18.3	17.9	17.9	19.4	17.2	18.8	18.7	18.5	18.4
ND02-4997	18.4	18.3	18.3	19.4	17.3	19.2	18.1	18.2	18.2
ND02-7844	17.8	17.4	17.4	19.0	17.1	19.0	17.8	17.0	17.9
ND02-7868	18.2	18.6	18.6	19.3	17.0	19.2	17.7	17.0	17.9
ND03-2304	17.6	17.2	17.2	19.3	16.7	18.6	17.1	16.6	18.0
ND03-2305	17.7	17.1	17.1	19.1	16.2	18.7	17.6	17.1	18.3
ND03-2874	17.3	16.8	16.8	18.9	16.7	18.5	16.9	16.2	17.7
ND03-2991	17.1	16.1	16.1	18.3	16.2	18.6	17.3	17.0	17.5
ND03-3281	17.7	16.7	16.7	20.7	15.9	18.5	17.9	17.2	18.0
ND03-8623	18.7	18.2	18.2	19.6	17.5	20.1	19.2	18.4	18.8
ND03-8688	18.4	18.6	18.6	19.5	17.4	19.7	18.0	17.4	18.4
ND03-8739	18.4	17.7	17.7	20.4	17.3	19.3	17.8	17.8	18.7
SD00-1251R	17.5	17.2	17.2	18.6	16.4	18.4	17.5	16.5	17.9
SD03-1384R	17.9	17.1	17.1	19.1	17.1	19.5	18.0	17.5	18.2
SD03-1701R	17.5	17.7	17.7	18.5	16.6	18.8	17.0	16.5	17.5
SD03-1774R	18.7	18.0	18.0	20.4	17.1	19.9	19.0	18.5	18.4
SD03-2271R	18.2	18.0	18.0	19.3	17.0	19.4	18.7	16.4	18.6
SD03-2641R	18.8	18.6	18.6	19.8	16.5	20.4	18.6	18.9	18.7
SD03-2757R	17.7	16.8	16.8	18.8	16.4	19.8	18.4	17.2	17.6
SD03-3104R	17.7	17.9	17.9	19.0	16.6	19.1	17.9	15.5	17.4
SD03-3459R	18.2	17.6	17.6	19.7	17.5	19.4	18.4	17.3	18.4
SD03-3472R	18.5	18.3	18.3	19.3	17.8	20.3	18.4	17.0	18.6
SD03-3580R	18.2	18.2	18.2	19.7	17.0	19.3	18.4	17.3	17.7
SD03-3794R	18.1	18.1	18.1	19.0	16.7	19.6	18.5	17.4	17.9
SD03-3825R	17.7	16.8	16.8	18.9	17.5	18.6	18.3	16.7	17.9
SD03-3869R	18.1	17.9	17.9	19.7	17.0	19.5	18.3	16.7	17.8
SD03-3920R	18.0	17.7	17.7	19.1	17.5	19.3	17.9	17.5	17.7
SD03-4191R	17.4	16.8	16.8	19.1	16.1	18.9	17.2	16.5	17.6

Uniform Test I Roundup-Ready, 2006

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	AG1501	na	1		Rps1-k
2.	SD1111RR (E)	A97-771039 x SD1081RR	UT0RR	F4	RR
3.	MN1803RR	Parker (2) x Resnik BC2F2	2		
4.	DKB20-52	na	2		Rps1-k
5.	SD00-1018R	SD94-27 x SD93-1037RR	2	F4	RR, Rps1-a
6.	SD01-1120R	SD93-1043 x SD1091RR	2	F5	RR
7.	SD01-3219R	Stride (1) x Resnik RR	2	F5	RR
8.	SD01-3477R	SD94-782 x SD1091RR	2	F5	RR
9.	SDX01R-00403128	Pion 9233 x SD1091RR	1	F4	Rps1-a
10.	SD02R-5	Stride (1) x Resnik RR	PT0	F4	Rps1-k
11.	SD02R-8	Stride (1) x Resnik RR	1	F4	Rps1-k
12.	SD02R-50	Stride (1) x Resnik RR	PT0	F4	Rps1-k
13.	SD02R-93	SD95-610 x SD1091RR	PT0	F4	Rps1-k
14.	SDX00-053R-46	SD96-2156 x SD1081RR	2	F4	RR
15.	SDX00R-017-52	A97-770051 x SD93-828R	2	F4	RR
16.	SDX00R-029-3	Pioneer P9151 x SD93-828R	2	F4	RR, Rps1-k
17.	SDX00R-020-18	MN0902 x SD93-828R	UT0RR	F4	RR, Rps1-a
18.	SDX00R-026-42	SD1081RR x IA1008	PT0	F4	SCN
19.	SDX01R-00403109	Pion 9233 x SD1091RR	PT0	F4	Rps1-a
20.	SD1091RR-4	SD1091RR Reselect	PT0	F4	Rps1-k

UNIFORM TEST I Roundup-Ready, 2006

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Fe Chlorosis	Shattering	PR		PS	FE	SDS
		Score	Score	Lafayette		Lafayette		Paris
		Granite Falls MN	Manhattan KS	Race 4	Race 7	a %	a rx.	IL DX
AG1501 (I)	PGTDYBf+IbII	3.4	1.0	R	R	17	S	1
SD1111RR (E)	PGBDYI	4.1	1.0	S	S	49	S	0
MN1803RR	WGBDYBfI	3.5	2.0	S	S	10	S	0
DKB20-52	PGTDYIbI	3.6	1.0	R	R	16	S	1
SD00-1018R	PGTDYIbI	3.5	1.0	S	R*	14	S	2
SD01-1120R	PGTDYBfI	3.6	1.0	S	S	12	S	2
SD01-3219R	PGBIYIbI	3.6	1.0	R*	R*	31	S	9
SD01-3477R	PGBDYIbI	3.3	1.0	S	S	16	S	1
SDX01R-00403128	PW+TGDYSI	3.6	1.0	S	S	3	S	1
SD02R-5	PGTIYIbI	3.5	1.0	R	R	18	S	5
SD02R-8	PGTIYBI	3.8	1.0	H*	H*	4	S	1
SD02R-50	PGTDYIbI	3.6	1.0	H*	H*	5	S	1
SD02R-93	PGBDYIbI	3.5	1.0	S*	S*	25	S	4
SDX00-053R-46	PGBDYIbI	3.5	2.0	S	S	46	S	1
SDX00R-017-52	PGBDYLIbI	3.5	1.0	R*	S	16	S	1
SDX00R-029-3	PGBDYIbI	3.1	2.0	R	R	16	-	0
SDX00R-020-18	PTBDYBI	3.8	2.0	S	S	14	-	0
SDX00R-026-42	P+WGBDYI	3.6	1.0	S	S	36	x	0
SDX01R-00403109	PW+TGDYBr+BfI	3.5	2.0	S	S	33	x	0
SD1091RR-4	PGBDYIbI	3.3	1.0	R	R	10	x	2

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

PS: % seed discolored

FE: S = susceptible, - = lesions not detected, x = no data

UNIFORM TEST I Roundup-Ready, 2006

REGIONAL SUMMARY

No. of Tests Strain	Yield 10 bu/a	Rank 10 No.	Maturity 10 Date	Lodging 9 Score	Plant Height 9 In.	Seed Size 10 g/100	Seed Quality 7 Score	Composition	
								Protein 7 %	Oil 7 %
AG1501	45.4	10	9/19	1.6	33	14.0	1.9	32.2	18.2
SD1111RR (E)	41.8	18	-4.6	1.3	32	15.5	1.6	33.9	17.3
MN1803RR	45.7	5	2.1	1.5	35	16.6	1.8	35.1	16.9
DKB20-52	51.2	1	2.9	1.2	30	15.7	1.8	33.8	17.6
SD00-1018R	41.9	17	-2.6	1.2	31	15.1	1.9	32.8	18.2
SD01-1120R	45.5	8	2.2	1.4	35	18.2	1.8	33.7	17.4
SD01-3219R	44.7	13	1.4	1.2	30	15.2	1.7	33.8	17.5
SD01-3477R	45.5	8	0.9	1.6	34	15.1	2.1	33.4	17.5
SDX01R-00403128	44.1	14	2.0	1.5	34	15.1	1.9	34.4	16.8
SD02R-5	45.8	4	3.3	1.3	32	14.9	1.5	33.4	17.6
SD02R-8	45.4	10	3.3	1.3	31	14.5	1.6	32.6	17.8
SD02R-50	43.9	15	3.8	1.3	29	15.0	1.6	34.7	17.0
SD02R-93	39.4	20	-3.4	1.3	29	18.3	2.0	33.7	17.6
SDX00-053R-46	45.3	12	2.6	1.6	36	16.0	2.1	33.6	17.1
SDX00R-017-52	48.6	2	1.5	1.4	33	14.4	1.7	33.4	17.8
SDX00R-029-3	45.6	6	2.1	1.4	30	16.1	1.9	33.5	18.0
SDX00R-020-18	47.4	3	0.5	1.2	35	17.5	1.6	33.6	17.1
SDX00R-026-42	45.6	6	2.0	1.3	31	15.5	2.2	34.2	16.2
SDX01R-00403109	41.4	19	-3.1	1.2	31	15.3	2.3	35.1	17.1
SD1091RR-4	42.3	16	-2.2	1.4	28	17.7	2.0	35.0	17.5

121.7 Days After Planting

UNIFORM TEST I Roundup-Ready, 2006

2005-2006 2-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	20 bu/a	20 No.	20 Date	19 Score	18 In.	20 g/100	14 Score	12 %	12 %
AG1501	45.8	3	9/14	1.7	34	13.1	1.8	31.9	18.7
MN1803RR	44.4	11	3.3	1.7	35	15.3	1.7	34.2	17.5
DKB20-52	50.5	1	4.0	1.3	30	14.7	1.6	32.7	18.3
SD00-1018R	43.0	12	-1.4	1.6	32	14.2	1.8	32.1	18.4
SD01-1120R	45.2	6	2.7	1.5	34	17.3	1.7	32.8	18.1
SD01-3219R	44.6	10	1.7	1.3	31	14.2	1.6	33.0	18.0
SD01-3477R	44.8	8	1.6	1.7	34	14.2	1.8	32.9	17.9
SDX01R-00403128	45.5	5	4.1	1.6	35	14.3	1.9	33.7	17.4
SD02R-8	45.8	3	3.6	1.4	31	14.2	1.5	31.7	18.6
SDX00-053R-46	45.0	7	3.4	1.9	37	15.2	1.9	32.2	17.9
SDX00R-017-52	48.5	2	2.0	1.5	32	13.7	1.7	32.8	18.4
SDX00R-029-3	44.8	8	2.1	1.6	30	15.1	1.8	32.8	18.5

117.3 Days After Planting

2004-2006 3-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	<u>Composition</u>	
	28 bu/a	28 No.	29 Date	28 Score	27 In.	29 g/100	22 Score	17 %	17 %
MN1803RR	45.9	3	9/19	1.7	34	15.3	1.7	34.6	17.3
DKB20-52	50.9	1	1.2	1.3	30	14.9	1.6	33.1	18.1
SD00-1018R	42.7	8	-5.6	1.5	31	14.2	1.7	32.5	18.1
SD01-1120R	45.4	4	0.2	1.5	33	17.7	1.6	33.4	18.0
SD01-3219R	44.6	7	-1.3	1.3	30	14.2	1.5	33.7	17.9
SD01-3477R	46.2	2	-1.8	1.7	34	14.2	1.7	33.5	17.6
SDX00-053R-46	45.1	5	0.2	1.7	35	15.0	1.8	32.7	17.7
SDX00R-029-3	44.9	6	-0.6	1.5	30	15.5	1.7	33.4	18.2

121.7 Days After Planting

UNIFORM TEST I Roundup-Ready, 2006

YIELD (bu/a)

Strain	Mean 10 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
AG1501	45.4	52.1	43.2	37.0	45.4	43.7
SD1111RR (E)	41.8	37.0	41.9	30.3	31.3	47.8
MN1803RR	45.7	52.4	45.1	46.0	40.9	50.6
DKB20-52	51.2	62.7	53.7	52.4	53.0	51.2
SD00-1018R	41.9	50.4	43.9	43.8	33.7	39.1
SD01-1120R	45.5	53.0	52.2	47.0	34.9	49.0
SD01-3219R	44.7	50.8	48.0	30.7	45.5	46.1
SD01-3477R	45.5	54.5	50.7	46.9	35.7	49.2
SDX01R-00403128	44.1	56.6	48.5	39.8	28.7	53.3
SD02R-5	45.8	52.8	48.7	43.2	42.2	51.0
SD02R-8	45.4	54.3	49.0	51.9	44.0	43.6
SD02R-50	43.9	54.6	51.0	39.0	36.6	46.3
SD02R-93	39.4	42.9	43.4	44.7	32.4	39.8
SDX00-053R-46	45.3	54.0	50.1	45.5	43.7	48.2
SDX00R-017-52	48.6	55.9	52.2	53.5	42.4	59.0
SDX00R-029-3	45.6	52.4	52.5	45.5	42.6	50.4
SDX00R-020-18	47.4	51.6	56.6	42.5	39.2	48.5
SDX00R-026-42	45.6	48.7	46.0	48.1	52.7	47.2
SDX01R-00403109	41.4	40.0	40.3	35.5	36.7	36.5
SD1091RR-4	42.3	44.6	42.1	37.5	41.5	43.5
C.V. (%)		7.7	7.9	15.0	13.7	10.6
L.S.D. (5%)		6.5	6.3	11.1	9.5	8.2
Row Sp. (In.)		26	30	15	15	10
Rows/Plot		4	4	6	6	8
Reps		3	3	2	2	3

UNIFORM TEST I Roundup-Ready, 2006

YIELD (bu/a)

Strain	Waseca MN	Aurora SD	Sinai SD	Watertown SD	St. Hyacinthe Que.
AG1501	64.8	39.0	43.2	32.1	53.2
SD1111RR (E)	64.5	38.6	43.5	27.8	54.9
MN1803RR	61.6	42.4	35.4	27.8	55.1
DKB20-52	73.8	43.5	44.5	24.4	53.2
SD00-1018R	61.4	33.8	35.0	27.8	50.1
SD01-1120R	62.5	39.2	37.0	24.6	55.7
SD01-3219R	70.0	40.2	35.9	27.8	52.1
SD01-3477R	68.8	39.7	32.0	30.1	47.8
SDX01R-00403128	60.7	42.3	35.5	28.9	47.0
SD02R-5	76.5	41.3	31.9	27.8	42.2
SD02R-8	59.3	39.1	40.0	22.8	50.0
SD02R-50	69.7	38.3	37.6	22.1	43.9
SD02R-93	55.7	33.7	31.6	24.9	45.3
SDX00-053R-46	63.6	37.8	37.5	23.8	49.3
SDX00R-017-52	61.4	38.7	39.8	29.6	53.4
SDX00R-029-3	62.1	38.9	40.1	24.8	46.9
SDX00R-020-18	68.9	39.8	41.9	27.4	57.1
SDX00R-026-42	65.7	30.6	38.5	27.7	51.2
SDX01R-00403109	71.2	36.0	36.6	28.2	52.6
SD1091RR-4	69.4	32.6	38.8	27.7	44.8
C.V. (%)	11.9	10.5	10.7	14.1	5.5
L.S.D. (5%)	12.8	6.4	6.7	6.1	5.8
Row Sp. (In.)	10	30	30	30	13
Rows/Plot	8	4	4	4	4
Reps	3	3	3	3	2

UNIFORM TEST I Roundup-Ready, 2006

YIELD RANK

Strain	Mean 16 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
AG1501	10	12	17	17	4	15
SD1111RR (E)	18	20	19	20	19	11
MN1803RR	5	10	14	7	11	5
DKB20-52	1	1	2	2	1	3
SD00-1018R	17	15	15	11	17	19
SD01-1120R	8	8	4	5	16	8
SD01-3219R	13	14	12	19	3	14
SD01-3477R	8	5	7	6	15	7
SDX01R-00403128	14	2	11	14	20	2
SD02R-5	4	9	10	12	9	4
SD02R-8	10	6	9	3	5	16
SD02R-50	15	4	6	15	14	13
SD02R-93	20	18	16	10	18	18
SDX00-053R-46	12	7	8	8	6	10
SDX00R-017-52	2	3	4	1	8	1
SDX00R-029-3	6	10	3	9	7	6
SDX00R-020-18	3	13	1	13	12	9
SDX00R-026-42	6	16	13	4	2	12
SDX01R-00403109	19	19	20	18	13	20
SD1091RR-4	16	17	18	16	10	17

UNIFORM TEST I Roundup-Ready, 2006

YIELD RANK

Strain	Waseca MN	Aurora SD	Sinai SD	Watertown SD	St. Hyacinthe Que.
AG1501	10	10	3	1	7
SD1111RR (E)	11	13	2	9	4
MN1803RR	15	2	16	7	3
DKB20-52	2	1	1	17	6
SD00-1018R	16	17	17	9	11
SD01-1120R	13	8	12	16	2
SD01-3219R	4	5	14	7	9
SD01-3477R	8	7	18	2	14
SDX01R-00403128	18	3	15	4	15
SD02R-5	1	4	19	6	20
SD02R-8	19	9	6	19	12
SD02R-50	5	14	10	20	19
SD02R-93	20	18	20	14	17
SDX00-053R-46	12	15	11	18	13
SDX00R-017-52	16	12	7	3	5
SDX00R-029-3	14	11	5	15	16
SDX00R-020-18	7	6	4	13	1
SDX00R-026-42	9	20	9	12	10
SDX01R-00403109	3	16	13	5	8
SD1091RR-4	6	19	8	11	18

UNIFORM TEST I Roundup-Ready, 2006

MATURITY (date)

Strain	Mean 10 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
AG1501	9/19	9/6	9/18	9/20	9/3	9/28
SD1111RR (E)	-4.6	-6	-5	-7	-3	-6
MN1803RR	2.1	2	3	0	0	0
DKB20-52	2.9	5	3	3	5	2
SD00-1018R	-2.6	-3	-3	-1	0	-4
SD01-1120R	2.2	0	2	0	2	2
SD01-3219R	1.4	0	2	-1	1	-1
SD01-3477R	0.9	1	2	-1	5	-2
SDX01R-00403128	2.0	4	3	-5	-2	3
SD02R-5	3.3	2	2	2	7	1
SD02R-8	3.3	5	2	1	4	1
SD02R-50	3.8	5	2	4	10	2
SD02R-93	-3.4	-3	-3	-2	-2	-10
SDX00-053R-46	2.6	1	2	0	8	0
SDX00R-017-52	1.5	0	2	1	3	0
SDX00R-029-3	2.1	0	1	-1	6	-1
SDX00R-020-18	0.5	0	1	-2	-1	0
SDX00R-026-42	2.0	1	3	2	3	0
SDX01R-00403109	-3.1	-4	-6	1	9	-6
SD1091RR-4	-2.2	-3	-2	-5	-2	-3
Date Planted	5/21	5/10	5/28	6/5	5/6	5/9
Days to Mature	122	119	113	107	120	142

UNIFORM TEST I Roundup-Ready, 2006

MATURITY (date)

Strain	Waseca MN	Aurora SD	Sinai SD	Watertown SD	St. Hyacinthe Que.
AG1501	9/25	9/20	9/30	9/22	9/26
SD1111RR (E)	-1	-6	-1	-7	-4
MN1803RR	3	3	1	7	2
DKB20-52	2	0	0	9	0
SD00-1018R	-4	-4	-1	-1	-5
SD01-1120R	3	3	1	7	2
SD01-3219R	2	4	0	7	0
SD01-3477R	0	1	0	1	2
SDX01R-00403128	3	2	1	8	3
SD02R-5	3	6	1	8	1
SD02R-8	3	5	1	8	3
SD02R-50	2	3	0	9	1
SD02R-93	-3	-5	-1	-1	-4
SDX00-053R-46	3	3	2	4	3
SDX00R-017-52	2	0	1	6	0
SDX00R-029-3	2	6	0	7	1
SDX00R-020-18	1	1	2	2	1
SDX00R-026-42	3	-1	1	5	3
SDX01R-00403109	-3	-9	-3	-6	-4
SD1091RR-4	-3	0	-1	0	-3
Date Planted	5/23	5/17	5/29	5/22	5/31
Days to Mature	125	126	124	123	118

UNIFORM TEST I Roundup-Ready, 2006

LODGING (score)

Strain	Mean 9 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
AG1501	1.6	1.3	1.0	1.0	2.0	2.0
SD1111RR (E)	1.3	1.0	1.0	1.0	1.0	1.7
MN1803RR	1.5	1.3	1.0	1.0	1.0	2.7
DKB20-52	1.2	1.0	1.0	1.0	1.0	2.0
SD00-1018R	1.2	1.0	1.0	1.0	1.0	2.0
SD01-1120R	1.4	1.0	1.0	1.0	1.0	2.0
SD01-3219R	1.2	1.0	1.0	1.0	1.0	1.0
SD01-3477R	1.6	1.0	1.0	1.0	1.0	2.3
SDX01R-00403128	1.5	1.0	1.0	1.0	1.0	2.3
SD02R-5	1.3	1.0	1.0	1.0	1.0	2.0
SD02R-8	1.3	1.0	1.0	1.0	1.0	1.3
SD02R-50	1.3	1.0	1.0	1.0	1.0	1.7
SD02R-93	1.3	1.0	1.0	1.0	1.0	2.0
SDX00-053R-46	1.6	1.5	1.0	1.0	1.0	2.7
SDX00R-017-52	1.4	1.0	1.0	1.0	1.0	2.7
SDX00R-029-3	1.4	1.2	1.0	1.0	1.0	2.3
SDX00R-020-18	1.2	1.0	1.0	1.0	1.0	2.0
SDX00R-026-42	1.3	1.0	1.0	1.0	1.0	2.0
SDX01R-00403109	1.2	1.0	1.0	1.0	1.0	1.7
SD1091RR-4	1.4	1.0	1.0	1.0	1.0	1.7

UNIFORM TEST I Roundup-Ready, 2006

LODGING (score)

Strain	Waseca MN	Aurora SD	Sinai SD	Watertown SD	St. Hyacinthe Que.
AG1501	3.0	1.0		1.0	2.0
SD1111RR (E)	2.3	1.0		2.0	1.0
MN1803RR	3.0	1.0		1.0	1.3
DKB20-52	2.0	1.0		1.0	1.0
SD00-1018R	2.0	1.0		1.0	1.0
SD01-1120R	2.7	1.0		1.0	2.3
SD01-3219R	2.0	1.0		1.0	1.5
SD01-3477R	3.0	1.0		1.0	3.0
SDX01R-00403128	2.7	1.0		1.0	2.3
SD02R-5	2.0	1.0		1.0	2.0
SD02R-8	2.3	1.0		1.0	1.8
SD02R-50	2.0	1.0		1.0	1.8
SD02R-93	2.3	1.0		1.0	1.3
SDX00-053R-46	3.0	1.0		1.0	2.3
SDX00R-017-52	2.7	1.0		1.0	1.5
SDX00R-029-3	2.7	1.0		1.0	1.5
SDX00R-020-18	2.0	1.0		1.0	1.0
SDX00R-026-42	2.3	1.0		1.0	1.5
SDX01R-00403109	2.0	1.0		1.0	1.5
SD1091RR-4	2.0	1.0		1.0	2.5

UNIFORM TEST I Roundup-Ready, 2006

PLANT HEIGHT (inches)

Strain	Mean 9 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
AG1501	33	34	33	16	37	37
SD1111RR (E)	32	30	36	13	28	28
MN1803RR	35	37	37	13	29	39
DKB20-52	30	32	33	13	30	32
SD00-1018R	31	32	33	15	25	32
SD01-1120R	35	34	39	14	31	35
SD01-3219R	30	32	34	11	24	33
SD01-3477R	34	35	38	15	31	36
SDX01R-00403128	34	37	39	26	22	36
SD02R-5	32	33	35	25	28	31
SD02R-8	31	34	35	14	30	35
SD02R-50	29	32	34	13	25	32
SD02R-93	29	30	31	12	25	29
SDX00-053R-46	36	36	37	26	31	38
SDX00R-017-52	33	32	34	27	30	32
SDX00R-029-3	30	31	34	12	24	32
SDX00R-020-18	35	33	37	27	31	35
SDX00R-026-42	31	31	34	14	31	33
SDX01R-00403109	31	30	32	25	27	27
SD1091RR-4	28	29	32	12	21	30

UNIFORM TEST I Roundup-Ready, 2006

PLANT HEIGHT (inches)

Strain	Waseca MN	Aurora SD	Sinai SD	Watertown SD	St. Hyacinthe Que.
AG1501	43	28		26	39
SD1111RR (E)	43	27		41	41
MN1803RR	51	30		36	40
DKB20-52	41	28		24	37
SD00-1018R	44	30		31	38
SD01-1120R	47	34		36	41
SD01-3219R	44	30		28	37
SD01-3477R	45	27		32	46
SDX01R-00403128	47	29		30	44
SD02R-5	43	25		30	38
SD02R-8	43	20		24	41
SD02R-50	41	26		18	37
SD02R-93	41	22		30	39
SDX00-053R-46	51	31		34	43
SDX00R-017-52	42	29		29	39
SDX00R-029-3	43	27		24	39
SDX00R-020-18	43	36		32	40
SDX00R-026-42	44	17		36	39
SDX01R-00403109	43	30		31	37
SD1091RR-4	39	23		31	34

UNIFORM TEST I Roundup-Ready, 2006

SEED SIZE (g/100)

Strain	Mean 10 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
AG1501	14.0	11.2	12.1	11.8	12.3	13.2
SD1111RR (E)	15.5	12.7	14.3	11.6	13.8	17.1
MN1803RR	16.6	14.2	15.3	13.5	16.1	17.9
DKB20-52	15.7	13.8	14.1	13.4	14.7	15.3
SD00-1018R	15.1	13.5	13.0	12.1	13.7	16.1
SD01-1120R	18.2	17.7	18.8	15.5	16.2	19.1
SD01-3219R	15.2	12.2	13.5	12.2	13.2	15.4
SD01-3477R	15.1	13.5	14.0	12.6	13.8	15.0
SDX01R-00403128	15.1	13.2	13.8	13.1	13.0	15.7
SD02R-5	14.9	12.8	13.7	13.0	13.8	13.7
SD02R-8	14.5	11.9	13.3	12.9	12.9	14.1
SD02R-50	15.0	12.6	14.0	13.0	13.4	14.7
SD02R-93	18.3	14.7	18.0	14.5	16.2	17.1
SDX00-053R-46	16.0	14.5	14.8	13.3	15.6	16.3
SDX00R-017-52	14.4	13.2	14.7	12.8	13.0	14.1
SDX00R-029-3	16.1	14.4	16.2	14.3	14.4	15.5
SDX00R-020-18	17.5	15.5	16.7	15.2	16.1	18.2
SDX00R-026-42	15.5	13.5	14.0	12.7	15.1	16.0
SDX01R-00403109	15.3	12.9	14.1	13.4	15.0	15.8
SD1091RR-4	17.7	14.2	16.0	14.0	15.8	19.2

UNIFORM TEST I Roundup-Ready, 2006

SEED SIZE (g/100)

Strain	Waseca MN	Aurora SD	Sinai SD	Watertown SD	St. Hyacinthe Que.
AG1501	14.6	16.2	12.2	18.0	18.6
SD1111RR (E)	15.6	17.5	15.6	17.5	19.1
MN1803RR	16.7	17.9	13.2	19.4	21.8
DKB20-52	15.4	18.3	14.8	18.8	18.9
SD00-1018R	16.1	15.5	14.7	17.1	19.0
SD01-1120R	20.8	19.5	15.3	20.1	19.3
SD01-3219R	15.9	18.0	14.6	17.7	19.1
SD01-3477R	16.4	15.1	13.2	18.3	19.4
SDX01R-00403128	14.6	15.4	13.5	18.1	20.2
SD02R-5	15.1	16.4	12.8	18.7	18.9
SD02R-8	14.8	15.4	13.5	17.6	18.4
SD02R-50	15.3	15.1	14.3	18.1	19.7
SD02R-93	21.2	19.5	18.2	23.3	19.9
SDX00-053R-46	16.9	16.6	12.8	19.2	19.5
SDX00R-017-52	14.5	14.3	11.9	16.8	18.7
SDX00R-029-3	16.7	17.5	14.6	18.1	19.4
SDX00R-020-18	18.0	18.5	16.0	20.9	20.0
SDX00R-026-42	15.6	17.6	13.9	16.5	19.8
SDX01R-00403109	15.8	15.4	13.8	16.9	19.9
SD1091RR-4	19.8	19.3	17.2	21.8	20.2

UNIFORM TEST I Roundup-Ready, 2006

SEED QUALITY (score)

Strain	Mean 7 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Saginaw County MI	Lamberton MN
AG1501	1.9	2.0	1.5			1.3
SD1111RR (E)	1.6	2.0	1.0			1.3
MN1803RR	1.8	1.5	1.0			1.7
DKB20-52	1.8	1.5	1.0			1.3
SD00-1018R	1.9	1.5	1.0			1.7
SD01-1120R	1.8	1.5	1.5			1.3
SD01-3219R	1.7	1.5	1.0			1.0
SD01-3477R	2.1	2.0	1.5			1.7
SDX01R-00403128	1.9	2.0	1.5			1.7
SD02R-5	1.5	1.0	1.0			1.0
SD02R-8	1.6	1.0	1.5			1.3
SD02R-50	1.6	1.0	1.0			1.7
SD02R-93	2.0	3.0	1.5			1.3
SDX00-053R-46	2.1	2.0	1.5			1.3
SDX00R-017-52	1.7	2.0	1.0			1.3
SDX00R-029-3	1.9	2.0	1.0			1.7
SDX00R-020-18	1.6	1.5	1.0			1.3
SDX00R-026-42	2.2	2.5	1.5			1.7
SDX01R-00403109	2.3	3.5	2.0			1.7
SD1091RR-4	2.0	2.0	1.5			1.7

UNIFORM TEST I Roundup-Ready, 2006

SEED QUALITY (score)

Strain	Waseca MN	Aurora SD	Sinai SD	Watertown SD	St. Hyacinthe Que.
AG1501	1.7	3.0	2.0	2.0	
SD1111RR (E)	1.0	2.0	2.0	2.0	
MN1803RR	1.3	3.0	2.0	2.0	
DKB20-52	1.7	3.0	2.0	2.0	
SD00-1018R	2.0	3.0	2.0	2.0	
SD01-1120R	1.3	3.0	2.0	2.0	
SD01-3219R	1.3	3.0	2.0	2.0	
SD01-3477R	1.7	3.0	2.0	3.0	
SDX01R-00403128	1.3	3.0	2.0	2.0	
SD02R-5	1.3	2.0	2.0	2.0	
SD02R-8	1.7	2.0	2.0	2.0	
SD02R-50	1.3	2.0	2.0	2.0	
SD02R-93	1.3	2.0	2.0	3.0	
SDX00-053R-46	1.7	3.0	3.0	2.0	
SDX00R-017-52	1.3	2.0	2.0	2.0	
SDX00R-029-3	1.3	3.0	2.0	2.0	
SDX00R-020-18	1.3	2.0	2.0	2.0	
SDX00R-026-42	2.0	3.0	2.0	3.0	
SDX01R-00403109	1.7	2.0	3.0	2.0	
SD1091RR-4	1.7	3.0	2.0	2.0	

UNIFORM TEST I Roundup-Ready, 2006

PROTEIN (%)

Strain	Mean 7 Tests	Lamberton MN	Waseca MN	Lafayette IN	Wanatah IN	Sinai SD	Watertown SD	St. Hyacinthe Que.
AG1501	32.2	31.7	31.4	33.0	32.6	31.6	32.8	32.3
SD1111RR (E)	33.9	34.2	32.3	35.8	34.6	32.9	34.2	33.1
MN1803RR	35.1	33.8	33.2	36.5	35.0	33.7	35.5	37.9
DKB20-52	33.8	32.1	33.0	35.9	34.5	33.0	35.1	32.8
SD00-1018R	32.8	32.1	32.1	34.4	33.5	32.4	32.3	33.0
SD01-1120R	33.7	33.3	32.5	35.8	34.1	33.8	32.5	33.5
SD01-3219R	33.8	33.7	33.4	34.4	34.6	34.1	32.9	33.2
SD01-3477R	33.4	32.5	33.7	35.9	33.7	30.3	34.4	33.7
SDX01R-00403128	34.4	33.8	33.1	35.7	35.5	33.1	34.6	35.1
SD02R-5	33.4	31.5	32.0	35.1	34.0	35.3	33.4	32.8
SD02R-8	32.6	31.8	32.2	33.2	34.4	32.2	32.4	32.0
SD02R-50	34.7	33.5	33.7	35.2	35.9	34.0	36.2	34.2
SD02R-93	33.7	32.4	33.0	35.0	34.2	31.2	35.2	34.6
SDX00-053R-46	33.6	33.4	33.2	35.9	32.8	33.3	32.9	33.8
SDX00R-017-52	33.4	33.5	31.8	36.0	34.3	31.9	34.0	32.5
SDX00R-029-3	33.5	32.4	32.9	35.3	33.7	32.6	34.0	33.7
SDX00R-020-18	33.6	33.4	32.0	35.7	34.1	31.7	33.5	34.7
SDX00R-026-42	34.2	34.2	32.4	35.7	35.3	34.0	33.7	34.4
SDX01R-00403109	35.1	35.0	35.0	36.9	36.1	33.5	34.6	34.5
SD1091RR-4	35.0	34.1	34.3	36.6	36.2	33.2	35.2	35.1

* Protein and Oil values converted to 13% moisture basis.

UNIFORM TEST I Roundup-Ready, 2006

OIL (%)

Strain	Mean 7 Tests	Lamberton MN	Waseca MN	Lafayette IN	Wanatah IN	Sinai SD	Watertown SD	St. Hyacinthe Que.
AG1501	18.2	18.3	17.8	20.4	19.2	16.2	17.1	18.7
SD1111RR (E)	17.3	17.4	18.0	17.5	17.2	16.1	16.9	18.3
MN1803RR	16.9	17.7	17.2	18.0	17.7	15.0	16.3	16.4
DKB20-52	17.6	18.4	17.5	18.4	18.2	15.9	16.7	18.2
SD00-1018R	18.2	18.3	18.5	19.4	18.3	16.4	18.0	18.2
SD01-1120R	17.4	17.2	17.7	18.4	18.5	14.8	17.2	17.7
SD01-3219R	17.5	17.3	17.3	19.8	17.9	15.4	17.3	17.7
SD01-3477R	17.5	17.9	17.2	18.2	18.1	16.8	16.7	17.7
SDX01R-00403128	16.8	17.1	16.8	17.7	16.8	15.5	17.0	16.8
SD02R-5	17.6	17.8	17.5	18.8	18.9	15.0	17.2	17.9
SD02R-8	17.8	18.2	17.1	19.0	18.3	15.9	18.1	18.1
SD02R-50	17.0	17.3	16.7	18.4	17.7	15.4	16.3	17.1
SD02R-93	17.6	17.9	18.1	19.5	18.2	16.4	16.2	17.3
SDX00-053R-46	17.1	16.6	16.4	18.3	18.1	15.5	17.7	17.2
SDX00R-017-52	17.8	17.4	18.0	19.1	18.3	16.2	17.1	18.6
SDX00R-029-3	18.0	18.3	17.9	18.9	18.8	16.3	17.6	18.4
SDX00R-020-18	17.1	17.0	17.4	17.9	17.5	16.1	16.9	17.1
SDX00R-026-42	16.2	16.3	16.4	16.6	16.1	15.2	16.6	16.4
SDX01R-00403109	17.1	17.2	16.6	17.6	16.8	16.4	17.8	17.4
SD1091RR-4	17.5	17.5	17.8	18.7	17.4	16.6	17.2	17.2

Preliminary Test I Roundup-Ready, 2006

Ent.	Strain	Parentage	Gen. Comp.	Unique Traits
1.	AG1501	na		Rps1-k
2.	SD1111RR (E)	A97-771039 x SD1081RR	F4	
3.	MN1803RR	Parker (2) x Resnik BC2F2		
4.	DKB20-52	na		Rps1-k
5.	LD03-23480R	A98-884037 x 4-24	F5	RR
6.	M00-528090	MN0304 x M96-134102	F5	Rps1
7.	M00-529011	MN0201 x MN1504RR	F5	Rps1-k
8.	M00-530008	MN1803RR x M96-136086	F5	Rps1
9.	M00-530039	MN1803RR x M96-136086	F5	Rps1
10.	SD03-1109R	SD98-2716 x SD93-828E	F5	RR, Rps1-k
11.	SD03-1151R	SD98-2716 x SD93-828E	F5	RR, Rps1-k
12.	SD03-1509R	HenRR x SD93-828E	F5	RR, Rps3
13.	SD03-1985R	IA2038 x HenRR	F5	RR
14.	SD03-2189R	A97-770051 x SD93-828E	F5	RR, Rps3
15.	SD03-2605R	Parker x HenRR	F5	RR, Rps1-c
16.	SD03-2662R	Pion 9163 x SD93-828E	F5	RR, Rps1-a
17.	SD03-2733R	Pion 9163 x SD93-828E	F5	RR, Rps1-a
18.	SD03-2768R	IA1008 x HenRR	F5	RR
19.	SD03-2814	IA1008 x HenRR	F5	RR
20.	SD03-3000R	Pion 9151 x SD93-828E	F5	RR, Rps1-k
21.	SD03-3016R	Pion 9151 x SD93-828E	F5	RR, Rps1-k
22.	SD03-3038R	Pion 9151 x SD93-828E	F5	RR; Rps1-k
23.	SD03-3493R	A97-771039 X HenRR	F5	RR
24.	SD03-3970	HenRR X Williams 82	F5	RR, Rps1-k

PRELIMINARY TEST I Roundup Ready, 2006

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	<u>Fe Chlorosis</u>	<u>Shattering</u>	<u>PR</u>		<u>PS</u>	<u>FE</u>
		Score	Score	Lafayette		Lafayette	
		Granite Falls MN	Manhattan KS	Race 4	Race 7	a %	a rx.
AG1501 (I)	PGTDYBfII	2.9	1.0	R	R	17	S
SD1111RR (E)	PGBDYYI	3.3	1.0	S	S	49	S
MN1803RR	PGTDYIbI	3.3	2.0	S	S	10	S
DKB20-52	PGTDYIbI	2.9	1.0	R	R	16	S
LD03-23480R	PTBDYBII	4.0	1.0	S	S	1	x
M00-528090	PTBDYYI	2.8	2.0	S	S	51	x
M00-529011	PTBIYBr+YI	2.6	2.0	R	R	48	x
M00-530008	PGBDYYI	2.6	1.0	S	S	24	x
M00-530039	PGTDYBrI	2.6	1.0	S	S	17	x
SD03-1109R	PTBDYBII	3.4	1.0	R	R	32	x
SD03-1151R	PTBDYBII	3.1	1.0	R	R	33	x
SD03-1509R	PGBDYBfI	2.4	1.0	R	R*	23	x
SD03-1985R	PGBDYYI	3.1	1.0	S	S	17	x
SD03-2189R	PGBDYIbI	2.8	1.0	R	S	60	x
SD03-2605R	WGBDYYI	2.8	1.0	S	S*	51	x
SD03-2662R	WGBDYYI	3.1	1.0	S	S	40	x
SD03-2733R	PGBDYIbI	3.0	2.0	S	R*	48	x
SD03-2768R	PGBDYYI	3.0	1.0	S	S	52	S
SD03-2814	PGBDYYI	3.1	1.0	S	S	12	S
SD03-3000R	PGBDYBII	2.9	2.0	R	R	17	S
SD03-3016R	PGBDYIbI	2.6	2.0	R	R	65	S
SD03-3038R	PGTDYBII	2.6	3.0	R	R	22	S
SD03-3493R	PGBDYBfI	2.1	1.0	S	S	28	S
SD03-3970	PGTDYIbI	3.4	2.0	R	R	25	S

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

PS: % seed discolored

FE: S = susceptible, - = lesions not detected, x = no data

PRELIMINARY TEST I Roundup-Ready, 2006

REGIONAL SUMMARY

No. of Tests Strain	Yield 7 bu/a	Rank 7 No.	Maturity 8 Date	Lodging 8 Score	Plant Height 8 In.	Seed Size 8 g/100	Seed Quality 6 Score	<u>Composition</u>	
								Protein 6 %	Oil 6 %
AG1501	46.5	7	9/20	1.6	34	14.6	1.5	33.3	17.9
SD1111RR (E)	46.4	8	-6.3	1.2	35	15.4	1.8	33.3	17.9
MN1803RR	49.0	3	0.9	1.5	35	16.6	1.8	34.8	17.6
DKB20-52	50.8	1	1.3	1.3	31	15.5	1.7	33.9	17.4
LD03-23480R	46.9	6	0.6	1.3	33	15.2	1.5	33.2	16.9
M00-528090	39.9	24	-10.9	1.5	36	15.8	1.8	36.1	17.5
M00-529011	43.2	18	-3.4	1.6	35	15.3	1.7	36.6	17.1
M00-530008	45.8	11	-3.5	1.5	34	15.4	1.7	34.7	17.1
M00-530039	48.9	4	-5.3	1.3	30	17.1	1.7	34.4	17.4
SD03-1109R	42.1	21	-7.9	1.3	33	15.0	1.7	34.9	17.7
SD03-1151R	42.7	19	-7.0	1.3	31	15.0	1.9	35.6	17.9
SD03-1509R	40.1	23	-5.6	1.3	28	15.6	1.6	32.8	18.4
SD03-1985R	44.5	14	-5.1	1.3	29	14.0	1.4	33.4	18.4
SD03-2189R	44.1	15	-8.0	1.1	29	17.1	1.7	34.5	18.5
SD03-2605R	42.6	20	-5.0	1.3	32	19.1	1.7	34.2	18.0
SD03-2662R	46.3	9	-4.0	1.3	34	19.2	1.5	33.8	18.0
SD03-2733R	43.6	16	-2.6	1.4	32	15.2	1.7	33.4	18.1
SD03-2768R	50.4	2	-2.9	1.3	32	16.7	1.8	32.9	17.7
SD03-2814	46.3	9	0.5	1.3	28	17.1	2.0	34.5	16.5
SD03-3000R	44.7	13	-4.1	1.3	31	16.2	2.0	33.8	17.9
SD03-3016R	42.0	22	-9.9	1.3	30	16.5	1.7	34.5	18.6
SD03-3038R	44.9	12	-4.9	1.4	29	16.5	1.6	33.2	18.4
SD03-3493R	48.5	5	-6.4	1.4	31	15.8	1.5	34.3	17.9
SD03-3970	43.4	17	-2.6	1.4	31	15.3	1.5	35.8	17.1

125.8 Days After Planting

PRELIMINARY TEST I Roundup-Ready, 2006

YIELD (bu/a)

Strain	Mean 7 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Lamberton MN	Waseca MN	St. Hyacinthe Que.	Aurora SD	Watertown* SD
AG1501	46.5	57.0	47.7	48.7	42.3	50.0	45.8	34.2	24.0
SD1111RR (E)	46.4	46.8	39.1	49.2	45.2	49.5	55.6	39.5	23.7
MN1803RR	49.0	52.8	44.8	55.6	49.2	48.4	52.5	39.8	25.2
DKB20-52	50.8	59.0	47.6	51.9	50.9	54.4	54.4	37.6	29.6
LD03-23480R	46.9	59.8	44.4	52.9	39.4	49.5	53.2	29.0	25.3
M00-528090	39.9	43.4	37.2	41.7	38.1	40.2	51.4	27.3	20.9
M00-529011	43.2	51.8	36.0	42.3	42.2	46.4	50.2	33.3	20.3
M00-530008	45.8	52.9	39.3	44.7	53.5	44.6	53.9	32.0	20.4
M00-530039	48.9	57.6	42.8	49.2	49.9	47.2	57.2	38.5	30.3
SD03-1109R	42.1	40.3	38.5	44.1	41.3	45.5	51.3	33.7	27.6
SD03-1151R	42.7	40.8	43.3	44.1	45.0	42.7	52.6	30.2	22.2
SD03-1509R	40.1	38.4	41.3	32.9	44.7	45.6	47.7	30.0	21.6
SD03-1985R	44.5	49.5	45.4	42.0	45.1	50.9	47.9	31.0	23.5
SD03-2189R	44.1	48.8	42.2	39.3	47.7	48.4	49.7	32.8	28.5
SD03-2605R	42.6	47.9	45.8	40.9	43.2	44.9	50.0	25.8	22.2
SD03-2662R	46.3	47.4	50.3	48.2	47.8	45.5	54.8	29.9	29.9
SD03-2733R	43.6	46.3	41.5	48.2	46.0	46.9	43.8	32.3	21.2
SD03-2768R	50.4	53.5	50.7	45.2	52.1	54.7	59.0	37.5	21.1
SD03-2814	46.3	52.4	47.5	46.5	45.1	51.2	52.8	28.6	24.5
SD03-3000R	44.7	45.7	40.7	45.1	46.7	52.2	48.4	34.0	28.3
SD03-3016R	42.0	41.3	38.2	43.1	44.2	46.8	51.1	29.5	18.4
SD03-3038R	44.9	52.5	44.9	43.6	50.1	40.6	52.4	30.0	21.1
SD03-3493R	48.5	52.4	47.7	50.5	53.3	47.2	54.4	34.2	23.4
SD03-3970	43.4	42.9	43.4	49.2	48.3	45.0	45.3	29.6	24.0
C.V. (%)		6.5	9.7	10.3	7.2	10.1	5.4	10.7	21.1
L.S.D. (5%)		6.7	8.7	8.1	6.9	9.9	5.8	7.0	10.3
Row Sp. (In.)		26	30	15	10	10	13	30	30
Rows/Plot		4	4	6	4	4	4	4	4
Reps		2	2	2	2	2	2	2	2

*Data not included in mean.

PRELIMINARY TEST I Roundup-Ready, 2006

YIELD RANK

Strain	Yield Rank	Lafayette IN	Wanatah IN	Ingham County MI	Lamberton MN	Waseca MN	St. Hyacinthe Que.	Aurora SD	Watertown SD
AG1501	7	4	3	8	20	6	46	7	10
SD1111RR (E)	8	16	20	5	13	7	56	2	12
MN1803RR	3	7	10	1	7	9	53	1	8
DKB20-52	1	2	5	3	4	2	54	4	3
LD03-23480R	6	1	11	2	23	7	53	21	7
M00-528090	24	19	23	21	24	24	51	24	21
M00-529011	18	11	24	19	21	15	50	10	23
M00-530008	11	6	19	14	1	21	54	13	22
M00-530039	4	3	14	6	6	11	57	3	1
SD03-1109R	21	23	21	15	22	17	51	9	6
SD03-1151R	19	22	13	16	16	22	53	15	15
SD03-1509R	23	24	17	24	17	16	48	16	17
SD03-1985R	14	12	8	20	14	5	48	14	13
SD03-2189R	15	13	15	23	10	9	50	11	4
SD03-2605R	20	14	7	22	19	20	50	25	15
SD03-2662R	9	15	2	9	9	17	55	18	2
SD03-2733R	16	17	16	10	12	13	44	12	18
SD03-2768R	2	5	1	12	3	1	59	5	19
SD03-2814	9	9	6	11	14	4	53	22	9
SD03-3000R	13	18	18	13	11	3	48	8	5
SD03-3016R	22	21	22	18	18	14	51	20	24
SD03-3038R	12	8	9	17	5	23	52	16	20
SD03-3493R	5	9	3	4	2	11	54	6	14
SD03-3970	17	20	12	7	8	19	45	19	10

PRELIMINARY TEST I Roundup-Ready, 2006

MATURITY (date)

Strain	Mean 8 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Lamberton MN	Waseca MN	St. Hyacinthe Que.	Aurora SD	Watertown SD
AG1501	9/20	9/8	9/18	9/20	9/27	9/27	9/25	9/21	9/21
SD1111RR (E)	-6.3	-8	-5	-5	-6	-6	-2	-8	-10
MN1803RR	0.9	1	2	0	0	1	2	4	-3
DKB20-52	1.3	4	2	4	2	0	0	1	-3
LD03-23480R	0.6	0	2	1	2	-1	4	-2	-1
M00-528090	-10.9	-9	-10	-6	-12	-13	-5	-10	-22
M00-529011	-3.4	-1	-3	-1	-6	-6	-1	-1	-8
M00-530008	-3.5	-2	-2	1	-6	-6	-1	1	-13
M00-530039	-5.3	-6	-3	-1	-4	-8	-1	-8	-11
SD03-1109R	-7.9	-6	-5	-4	-10	-8	-3	-10	-17
SD03-1151R	-7.0	-4	-4	-2	-10	-7	-2	-9	-18
SD03-1509R	-5.6	-5	-4	-3	-5	-7	-3	-8	-10
SD03-1985R	-5.1	-5	0	-1	-1	-6	-1	-7	-20
SD03-2189R	-8.0	-5	-5	-6	-12	-8	-4	-7	-17
SD03-2605R	-5.0	-5	-2	-1	-6	-4	-2	-5	-15
SD03-2662R	-4.0	-5	-1	-1	-1	-3	-2	-5	-14
SD03-2733R	-2.6	-2	-1	0	-3	-4	0	-1	-10
SD03-2768R	-2.9	-2	-1	-1	1	-5	1	-6	-10
SD03-2814	0.5	0	1	2	3	-2	3	-4	1
SD03-3000R	-4.1	-6	-2	-3	-3	-8	-2	-6	-3
SD03-3016R	-9.9	-7	-9	-7	-12	-10	-7	-7	-20
SD03-3038R	-4.9	-5	-4	0	-9	-7	-2	-6	-6
SD03-3493R	-6.4	-5	-3	-2	-7	-7	-1	-6	-20
SD03-3970	-2.6	-5	-4	-1	-6	-3	2	0	-4
Date Planted	5/18	5/9	5/28	5/1	5/9	5/23	5/31	5/22	5/22
Days to Mature	126	122	113	142	141	127	117	122	122

PRELIMINARY TEST I Roundup-Ready, 2006

LODGING (score)

Strain	Mean 8 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Lamberton MN	Waseca MN	St. Hyacinthe Que.	Aurora SD	Watertown SD
AG1501	1.6	1.5	1.0	1.0	2.0	3.0	2.5	1.0	1.0
SD1111RR (E)	1.2	1.3	1.0	1.0	1.5	2.0	1.0	1.0	1.0
MN1803RR	1.5	1.3	1.0	1.0	2.0	3.0	1.8	1.0	1.0
DKB20-52	1.3	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0
LD03-23480R	1.3	1.0	1.0	1.0	2.5	2.0	1.0	1.0	1.0
M00-528090	1.5	1.5	1.3	2.0	2.0	2.0	1.5	1.0	1.0
M00-529011	1.6	1.8	1.5	1.0	2.5	2.0	2.0	1.0	1.0
M00-530008	1.5	1.5	1.0	1.0	2.5	2.0	2.0	1.0	1.0
M00-530039	1.3	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0
SD03-1109R	1.3	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0
SD03-1151R	1.3	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0
SD03-1509R	1.3	1.0	1.0	1.0	2.0	2.0	1.3	1.0	1.0
SD03-1985R	1.3	1.0	1.0	1.0	2.0	2.0	1.3	1.0	1.0
SD03-2189R	1.1	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0
SD03-2605R	1.3	1.0	1.0	1.0	1.5	2.0	1.5	1.0	1.0
SD03-2662R	1.3	1.0	1.0	1.0	2.0	2.0	1.3	1.0	1.0
SD03-2733R	1.4	1.0	1.0	1.0	1.5	2.5	1.8	1.0	1.0
SD03-2768R	1.3	1.0	1.0	1.0	2.0	2.0	1.5	1.0	1.0
SD03-2814	1.3	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0
SD03-3000R	1.3	1.3	1.0	1.0	2.0	2.0	1.3	1.0	1.0
SD03-3016R	1.3	1.0	1.0	1.0	2.0	2.0	1.3	1.0	1.0
SD03-3038R	1.4	1.3	1.0	1.0	2.0	2.0	1.5	1.0	1.0
SD03-3493R	1.4	1.0	1.0	1.0	2.0	2.0	1.8	1.0	1.0
SD03-3970	1.4	1.0	1.0	1.0	1.5	2.5	1.8	1.0	1.0

PRELIMINARY TEST I Roundup-Ready, 2006

PLANT HEIGHT (inches)

Strain	Mean 8 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Lamberton MN	Waseca MN	St. Hyacinthe Que.	Aurora SD	Watertown SD
AG1501	34	36	36	28	33	44	42	28	26
SD1111RR (E)	35	31	35	28	34	47	43	24	37
MN1803RR	35	38	36	28	41	44	39	28	28
DKB20-52	31	33	32	28	37	37	37	25	22
LD03-23480R	33	34	35	27	36	43	41	25	26
M00-528090	36	35	37	35	37	42	42	24	32
M00-529011	35	38	40	29	33	43	40	36	23
M00-530008	34	36	35	28	36	43	43	25	25
M00-530039	30	31	31	26	35	40	37	21	20
SD03-1109R	33	33	32	27	34	38	41	29	29
SD03-1151R	31	30	33	24	32	39	39	26	25
SD03-1509R	28	29	32	24	31	25	37	20	29
SD03-1985R	29	31	33	25	29	33	39	21	25
SD03-2189R	29	28	30	23	30	35	35	22	27
SD03-2605R	32	34	35	27	32	39	43	20	28
SD03-2662R	34	33	36	30	36	44	42	21	32
SD03-2733R	32	31	33	26	35	41	38	24	24
SD03-2768R	32	33	35	27	36	44	40	20	25
SD03-2814	28	28	29	24	30	38	39	18	21
SD03-3000R	31	31	32	26	32	38	37	25	30
SD03-3016R	30	30	25	23	33	37	38	26	27
SD03-3038R	29	32	31	25	30	35	38	21	20
SD03-3493R	31	32	33	28	31	36	38	29	21
SD03-3970	31	30	31	26	34	40	40	23	21

PRELIMINARY TEST I Roundup-Ready, 2006

SEED SIZE (g/100)

Strain	Mean 8 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Lamberton MN	Waseca MN	St. Hyacinthe Que.	Aurora SD	Watertown SD
AG1501	14.6	12.3	12.9	11.9	14.3	15.1	14.9	17.5	18.1
SD1111RR (E)	15.4	13.1	13.5	12.4	16.2	15.7	16.6	17.8	17.8
MN1803RR	16.6	14.2	15.4	13.9	17.2	17.9	17.9	17.2	19.5
DKB20-52	15.5	14.0	13.5	14.2	15.7	15.7	15.5	17.4	17.9
LD03-23480R	15.2	13.1	12.6	12.9	15.6	14.7	16.6	17.5	18.7
M00-528090	15.8	14.6	16.0	14.7	15.0	17.3	18.0	15.5	15.4
M00-529011	15.3	13.6	15.1	13.0	15.6	15.7	17.4	16.9	15.2
M00-530008	15.4	13.3	14.1	13.8	14.8	15.3	16.9	18.1	17.0
M00-530039	17.1	15.2	15.7	13.7	17.5	16.8	18.7	18.8	20.1
SD03-1109R	15.0	12.8	13.5	12.3	14.7	14.9	17.3	18.4	16.4
SD03-1151R	15.0	13.0	14.6	12.6	15.1	15.8	16.5	16.7	15.8
SD03-1509R	15.6	13.9	14.8	12.8	15.6	15.1	16.3	17.7	18.3
SD03-1985R	14.0	12.2	13.4	12.3	14.5	14.1	15.0	14.7	15.6
SD03-2189R	17.1	14.8	14.5	12.2	15.9	31.3	16.7	16.2	15.4
SD03-2605R	19.1	17.5	18.2	15.2	22.3	20.0	18.8	20.1	20.5
SD03-2662R	19.2	17.3	19.6	15.9	21.1	18.4	20.2	20.7	20.3
SD03-2733R	15.2	13.7	14.3	12.9	16.8	15.1	15.6	16.7	16.9
SD03-2768R	16.7	15.4	14.5	13.0	16.9	16.4	18.8	19.5	18.8
SD03-2814	17.1	14.6	16.6	13.8	16.2	16.3	20.0	18.9	20.3
SD03-3000R	16.2	14.1	15.7	14.4	16.1	16.0	18.0	16.7	18.7
SD03-3016R	16.5	14.2	16.3	13.6	17.1	16.0	17.4	18.9	18.1
SD03-3038R	16.5	14.0	15.5	14.7	16.5	15.9	18.6	17.6	19.2
SD03-3493R	15.8	14.2	15.1	13.8	16.4	14.9	17.1	18.1	16.9
SD03-3970	15.3	12.6	14.6	12.7	15.4	14.4	15.9	17.4	19.2

PRELIMINARY TEST I Roundup-Ready, 2006

SEED QUALITY (score)

Strain	Mean 6 Tests	Lafayette IN	Wanatah IN	Ingham County MI	Lamberton MN	Waseca MN	St. Hyacinthe Que.	Aurora SD	Watertown SD
AG1501	1.5	1.5	1.0		1.3	1.3		2.0	2.0
SD1111RR (E)	1.8	1.5	1.0		1.3	1.7		3.0	2.0
MN1803RR	1.8	2.0	1.0		1.7	2.0		2.0	2.0
DKB20-52	1.7	2.0	1.0		1.7	1.7		2.0	2.0
LD03-23480R	1.5	1.5	1.0		1.3	1.3		2.0	2.0
M00-528090	1.8	2.0	2.0		1.3	1.3		2.0	2.0
M00-529011	1.7	2.0	1.0		1.7	1.3		2.0	2.0
M00-530008	1.7	2.0	1.0		1.3	1.7		2.0	2.0
M00-530039	1.7	2.0	1.0		1.7	1.3		2.0	2.0
SD03-1109R	1.7	2.0	1.0		1.3	2.0		2.0	2.0
SD03-1151R	1.9	3.0	1.0		1.7	1.7		2.0	2.0
SD03-1509R	1.6	2.0	1.0		1.3	1.3		2.0	2.0
SD03-1985R	1.4	1.0	1.0		1.3	1.3		2.0	2.0
SD03-2189R	1.7	2.5	1.0		1.3	1.3		2.0	2.0
SD03-2605R	1.7	2.0	1.5		1.3	1.3		2.0	2.0
SD03-2662R	1.5	1.5	1.0		1.0	1.7		2.0	2.0
SD03-2733R	1.7	2.0	1.0		1.3	1.7		2.0	2.0
SD03-2768R	1.8	2.5	1.5		1.7	1.3		2.0	2.0
SD03-2814	2.0	2.0	1.5		1.7	2.0		3.0	2.0
SD03-3000R	2.0	2.0	1.5		2.0	1.3		3.0	2.0
SD03-3016R	1.7	2.5	1.0		1.3	1.3		2.0	2.0
SD03-3038R	1.6	1.5	1.0		1.3	1.7		2.0	2.0
SD03-3493R	1.5	1.5	1.0		1.3	1.3		2.0	2.0
SD03-3970	1.5	1.5	1.0		1.3	1.3		2.0	2.0

PRELIMINARY TEST I Roundup-Ready, 2006

PROTEIN (%)

Strain	Mean 6 Tests	Lamberton MN	Waseca MN	Lafayette IN	Wanatah IN	Watertown SD	St. Hyacinthe Que.
AG1501	33.3	32.3	31.6	35.0	33.4	34.5	33.1
SD1111RR (E)	33.3	32.0	32.9	35.0	34.0	32.6	33.3
MN1803RR	34.8	33.0	32.9	36.2	34.1	34.0	38.5
DKB20-52	33.9	33.0	31.9	36.1	34.8	34.5	33.3
LD03-23480R	33.2	33.4	31.4	34.9	32.0	32.9	34.6
M00-528090	36.1	35.0	35.3	37.8	36.1	37.1	35.3
M00-529011	36.6	35.5	36.0	37.4	36.3	38.0	36.1
M00-530008	34.7	33.5	34.4	35.5	34.3	35.4	35.1
M00-530039	34.4	34.7	33.2	35.1	34.1	34.8	34.8
SD03-1109R	34.9	34.5	33.7	36.3	34.7	34.9	35.4
SD03-1151R	35.6	34.5	34.7	38.0	35.2	36.2	35.2
SD03-1509R	32.8	31.5	32.0	35.4	32.5	32.2	33.1
SD03-1985R	33.4	32.7	32.5	35.1	33.7	33.5	33.1
SD03-2189R	34.5	34.3	33.2	36.8	34.3	33.8	34.5
SD03-2605R	34.2	33.0	33.5	36.0	34.7	34.3	33.7
SD03-2662R	33.8	33.2	33.5	35.0	33.9	33.4	34.0
SD03-2733R	33.4	33.2	33.0	34.8	32.4	33.4	33.7
SD03-2768R	32.9	31.3	32.4	35.1	33.0	32.5	33.1
SD03-2814	34.5	33.0	33.3	36.6	35.2	33.9	34.9
SD03-3000R	33.8	31.9	32.6	35.2	33.8	34.1	35.1
SD03-3016R	34.5	33.2	33.4	35.7	35.5	35.4	34.0
SD03-3038R	33.2	31.8	32.1	34.6	32.9	33.5	34.4
SD03-3493R	34.3	33.3	32.8	35.4	34.4	34.9	34.9
SD03-3970	35.8	35.1	34.8	37.5	35.4	35.9	36.1

* Protein and Oil values converted to 13% moisture basis.

PRELIMINARY TEST I Roundup-Ready, 2006

OIL (%)

Strain	Mean 6 Tests	Lamberton MN	Waseca MN	Lafayette IN	Wanatah IN	Watertown SD	St. Hyacinthe Que.
AG1501	17.9	18.1	17.6	18.4	18.7	16.4	17.9
SD1111RR (E)	17.9	17.7	17.8	18.6	17.4	18.0	18.0
MN1803RR	17.6	18.0	17.7	17.7	18.2	17.8	16.4
DKB20-52	17.4	17.4	18.0	17.2	17.6	16.3	17.9
LD03-23480R	16.9	16.6	16.6	17.5	17.6	16.5	16.4
M00-528090	17.5	17.3	16.9	18.6	17.8	17.0	17.1
M00-529011	17.1	17.5	16.7	18.2	16.8	16.5	17.2
M00-530008	17.1	17.4	16.5	17.1	17.1	17.8	16.6
M00-530039	17.4	16.5	17.3	18.6	17.9	17.2	17.1
SD03-1109R	17.7	17.7	17.7	18.5	17.8	17.5	17.2
SD03-1151R	17.9	17.9	17.3	19.1	18.2	17.5	17.3
SD03-1509R	18.4	18.3	17.9	18.9	18.5	18.7	18.1
SD03-1985R	18.4	18.2	18.5	18.6	18.8	18.4	17.9
SD03-2189R	18.5	17.6	18.6	19.3	18.4	18.4	18.4
SD03-2605R	18.0	18.6	17.8	18.5	17.7	17.6	17.7
SD03-2662R	18.0	17.9	17.5	18.4	18.4	18.3	17.6
SD03-2733R	18.1	17.4	17.8	20.1	18.7	17.6	17.1
SD03-2768R	17.7	17.6	17.2	18.8	18.0	17.5	17.4
SD03-2814	16.5	16.1	16.3	16.8	17.1	16.3	16.3
SD03-3000R	17.9	17.9	17.9	18.7	18.5	16.8	17.2
SD03-3016R	18.6	18.9	18.7	19.4	17.6	18.6	18.4
SD03-3038R	18.4	18.8	18.3	19.4	18.5	17.6	18.2
SD03-3493R	17.9	17.9	18.0	18.5	17.7	17.6	17.5
SD03-3970	17.1	17.2	17.0	17.6	17.3	16.6	16.9

Uniform Test II Roundup-Ready, 2006

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	AG2403	na	1		Rps1-k
2.	DKB20-52 (SCN)	na	2		Rps1-k
3.	DKB26-52 (SCN)	na	2		Rps1-a
4.	AG2801 (SCN)	na	2		Rps1-a
5.	LD01-11363	U94-2306 x LDX97001 (Olympus x 970203)	1	F5	
6.	NEX2905A0R		1		Det.
7.	SDX00R-035-56	A97-771039 x SD1081RR	1	F4	RR
8.	SDX01R-007039	SD99-011R x Pion 9233	PTIIRR	F4	Rps1-k
9.	U03-130222		PTIIRR	F5	RR
10.	U03-230155		PTIIRR	F5	RR
11.	U03-230160		PTIIRR	F5	RR
12.	U03-802296		PTIIRR	F5	RR,Rc,BSR,IDC
13.	U03-811119		SCN UTIIRR		Rps?

UNIFORM TEST II Roundup-Ready, 2006

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Shattering	PR		PS	FE	SDS
		Score	Lafayette		Lafayette		Paris
		Manhattan KS	Race 4	Race 7	a %	a rx.	IL DX
AG2403 (II)	PTTDYBII	2.0	R	R	14	S	6
DKB20-52 (SCN)	PGTDYIbI	1.0	R	R	16	S	1
DKB26-52 (SCN)	PGBDYIbI	1.0	S	S	7	S	13
AG2801 (SCN)	PLtTIYBII	1.0	S	S	8	-	5
LD01-11363	PTBDYBII	1.0	S	S	6	S	5
NEX2905A0R	PGBDYIbD	1.0	S	S	1	S	0
SDX00R-035-56	WGBDYIbI	1.0	S	S	22	S	1
SDX01R-007039	P+WTTDYBrI	1.0	H*	H*	11	S	2
U03-130222	PGTDYIbI	1.0	S	R*	12	-	7
U03-230155	WTBDYBII	1.0	S	R*	4	-	18
U03-230160	PTTDYBII	1.0	S	R*	8	S	8
U03-802296	PTTDYBrI	1.0	S	R*	5	S	1
U03-811119	PGBDYIbD	1.0	R	R	6	-	4

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

PS: % seed discolored

FE: S = susceptible, - = lesions not detected, x = no data

UNIFORM TEST II Roundup-Ready, 2006

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	11 bu/a	11 No.	10 Date	9 Score	9 In.	11 g/100	8 Score	Protein 6 %	Oil 6 %
AG2403	58.8	2	9/20	1.2	28	15.7	2.1	34.7	16.9
DKB20-52 (SCN)	57.0	6	-1.5	1.3	30	14.9	2.1	34.3	17.9
DKB26-52 (SCN)	55.9	10	2.0	1.6	35	14.6	2.2	35.3	16.2
AG2801 (SCN)	56.6	8	7.4	1.4	33	14.3	2.2	35.5	15.8
LD01-11363	53.8	12	6.9	1.7	34	12.9	2.0	33.5	16.4
NEX2905A0R	59.8	1	8.7	1.6	34	12.7	2.2	34.0	16.1
SDX00R-035-56	56.8	7	1.0	1.3	33	13.6	2.1	34.9	17.2
SDX01R-007039	51.5	13	1.9	1.5	35	14.3	2.5	35.5	16.5
U03-130222	57.5	4	9.1	2.1	37	12.5	2.3	34.0	16.3
U03-230155	57.7	3	8.3	2.2	38	14.2	2.0	34.4	16.5
U03-230160	57.4	5	4.8	1.5	33	14.1	2.2	34.6	17.1
U03-802296	56.1	9	8.1	2.0	39	15.5	2.3	34.7	15.5
U03-811119	54.3	11	6.9	1.5	31	15.0	2.2	34.3	16.5

124.6 Days After Planting

UNIFORM TEST II Roundup-Ready, 2006

2005-2006 2-YEAR MEAN

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant Height	Seed Size	Seed Quality	Composition	
	22 bu/a	22 No.	20 Date	19 Score	18 In.	21 g/100	14 Score	Protein 9 %	Oil 9 %
AG2403	59.2	2	9/16	1.3	29	15.4	2.0	33.8	17.9
DKB20-52 (SCN)	57.0	5	-2.5	1.3	30	14.3	2.0	33.5	18.6
DKB26-52 (SCN)	57.0	5	2.0	1.9	37	14.1	2.0	34.1	17.3
AG2801 (SCN)	58.3	3	6.9	1.5	33	14.1	1.9	34.7	16.6
LD01-11363	56.7	7	6.7	1.9	36	12.9	1.8	32.8	17.1
NEX2905A0R	59.9	1	8.2	1.7	33	12.7	1.9	33.1	17.1
SDX00R-035-56	57.6	4	-0.1	1.6	33	13.2	1.9	33.1	17.9

123.0 Days After Planting

UNIFORM TEST II Roundup-Ready, 2006

YIELD (bu/a)

Strain	Mean 11 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Lenawee County MI
AG2403	58.8	55.1	68.4	55.8	53.2	68.8
DKB20-52 (SCN)	57.0	59.0	59.6	53.6	51.8	75.8
DKB26-52 (SCN)	55.9	62.3	64.8	55.9	56.0	72.2
AG2801 (SCN)	56.6	69.1	70.5	53.9	60.2	83.1
LD01-11363	53.8	59.8	60.2	52.3	51.4	68.4
NEX2905A0R	59.8	62.0	70.2	56.3	58.6	76.6
SDX00R-035-56	56.8	53.7	59.4	55.0	52.9	73.9
SDX01R-007039	51.5	48.2	49.4	46.6	52.9	64.0
U03-130222	57.5	63.4	75.1	55.5	63.7	78.1
U03-230155	57.7	59.9	65.1	54.3	63.9	75.6
U03-230160	57.4	57.1	67.5	56.0	54.5	69.6
U03-802296	56.1	65.9	66.5	59.3	50.2	79.5
U03-811119	54.3	53.8	63.9	53.5	59.5	73.6
C.V. (%)		4.4	3.5	6.4	5.6	7.1
L.S.D. (5%)		3.6	3.8	5.8	5.6	9.4
Row Sp. (In.)		30	26	30	15	15
Rows/Plot		4	4	4	6	6
Reps		3	3	3	2	2

*Data not included in mean.

UNIFORM TEST II Roundup-Ready, 2006

YIELD RANK

Strain	Yield Rank	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Lenawee County MI
AG2403	2	10	4	5	8	11
DKB20-52 (SCN)	6	8	11	10	11	5
DKB26-52 (SCN)	10	4	8	4	6	9
AG2801 (SCN)	8	1	2	9	3	1
LD01-11363	12	7	10	12	12	12
NEX2905A0R	1	5	3	2	5	4
SDX00R-035-56	7	12	12	7	9	7
SDX01R-007039	13	13	13	13	10	13
U03-130222	4	3	1	6	2	3
U03-230155	3	6	7	8	1	6
U03-230160	5	9	5	3	7	10
U03-802296	9	2	6	1	13	2
U03-811119	11	11	9	11	4	8

UNIFORM TEST II Roundup-Ready, 2006

YIELD (bu/a)

Strain	Beemer NE	Cotesfield NE	Goehner* NE	Chatham ONT	Aurora SD	Beresford SD	Sinia SD
AG2403	73.2	68.2	57.5	50.6	46.0	63.9	43.4
DKB20-52 (SCN)	64.3	65.1	57.8	50.7	46.7	60.3	40.5
DKB26-52 (SCN)	66.0	63.7	46.1	48.4	42.4	51.3	32.3
AG2801 (SCN)	66.5	60.7	51.9	45.5	35.4	50.1	27.1
LD01-11363	69.5	63.1	58.7	28.6*	37.2	55.5	20.4
NEX2905A0R	75.6	79.0	50.8	32.3*	34.9	57.5	27.8
SDX00R-035-56	65.5	65.6	42.0	33.2*	44.1	58.6	39.5
SDX01R-007039	59.8	55.9	48.2	34.7*	50.5	56.1	31.5
U03-130222	77.2	50.9	65.9	52.7	38.3	49.7	28.1
U03-230155	75.0	61.5	57.9	48.4	44.8	57.3	29.2
U03-230160	73.3	61.9	53.9	51.9	47.4	56.0	36.3
U03-802296	69.8	62.0	55.1	43.0	40.0	51.5	30.0
U03-811119	67.2	62.8	57.0	51.0	42.3	36.7	32.7
C.V. (%)	4.3	10.7	18.1	14.3	8.4	10.3	10.0
L.S.D. (5%)	7.5	18.3	24.2	8.7	5.8	9.0	5.4
Row Sp. (In.)	30	30	30	17	30	30	30
Rows/Plot	4	4	4	5	4	4	4
Reps	2	2	2	3	3	3	3

*Phytophthora damage.

UNIFORM TEST II Roundup-Ready, 2006

YIELD RANK

Strain	Beemer NE	Cotesfield NE	Goehner NE	Chatham ONT	Aurora SD	Beresford SD	Sinia SD
AG2403	5	2	5	5	4	1	1
DKB20-52 (SCN)	12	4	4	4	3	2	2
DKB26-52 (SCN)	10	5	12	6	7	10	6
AG2801 (SCN)	9	11	9	8	12	11	12
LD01-11363	7	6	2	13	11	8	13
NEX2905A0R	2	1	10	12	13	4	11
SDX00R-035-56	11	3	13	11	6	3	3
SDX01R-007039	13	12	11	10	1	6	7
U03-130222	1	13	1	1	10	12	10
U03-230155	3	10	3	6	5	5	9
U03-230160	4	9	8	2	2	7	4
U03-802296	6	8	7	9	9	9	8
U03-811119	8	7	6	3	8	13	5

UNIFORM TEST II Roundup-Ready, 2006

MATURITY (date)

Strain	Mean 10 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Lenawee County MI
AG2403	9/20	9/8	9/14	9/25	9/25	9/14
DKB20-52 (SCN)	-1.5	0	-2	-5	-2	0
DKB26-52 (SCN)	2.0	6	3	3	6	5
AG2801 (SCN)	7.4	12	10	10	12	16
LD01-11363	6.9	14	8	9	13	13
NEX2905A0R	8.7	13	10	10	14	20
SDX00R-035-56	1.0	2	-3	1	5	7
SDX01R-007039	1.9	3	2	1	4	6
U03-130222	9.1	12	11	9	13	18
U03-230155	8.3	13	10	8	10	14
U03-230160	4.8	7	7	6	8	6
U03-802296	8.1	12	13	9	9	10
U03-811119	6.9	9	5	6	12	14
Date Planted	5/18	5/9	5/9	5/28	6/5	5/9
Days to Mature	125	122	128	120	112	128

UNIFORM TEST II Roundup-Ready, 2006

LODGING (score)

Strain	Mean 9 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Lenawee County MI
AG2403	1.2	1.0	1.0	1.0	1.0	1.0
DKB20-52 (SCN)	1.3	1.3	1.0	1.0	1.0	1.0
DKB26-52 (SCN)	1.6	2.2	1.2	1.0	2.0	2.0
AG2801 (SCN)	1.4	1.5	1.0	1.0	1.5	2.0
LD01-11363	1.7	2.0	1.0	1.0	1.5	2.0
NEX2905A0R	1.6	2.2	1.0	1.0	2.0	2.5
SDX00R-035-56	1.3	1.5	1.0	1.0	1.0	1.5
SDX01R-007039	1.5	1.5	1.0	1.0	1.5	1.5
U03-130222	2.1	1.8	1.2	1.3	2.5	3.0
U03-230155	2.2	2.3	1.2	1.7	3.0	3.0
U03-230160	1.5	1.2	1.0	1.0	1.0	1.0
U03-802296	2.0	2.5	1.3	1.2	2.0	2.5
U03-811119	1.5	1.3	1.0	1.0	2.0	2.0

UNIFORM TEST II Roundup-Ready, 2006

MATURITY (date)

Strain	Beemer NE	Cotesfield NE	Goehner NE	Chatham ONT	Aurora SD	Beresford SD	Sinia SD
AG2403	9/22		9/22	9/27		9/14	10/2
DKB20-52 (SCN)	0		0	-3		-2	-1
DKB26-52 (SCN)	1		-6	2		1	-1
AG2801 (SCN)	4		-7	10		8	-1
LD01-11363	6		-6	7		5	0
NEX2905A0R	7		-4	9		9	-1
SDX00R-035-56	3		-4	0		0	-1
SDX01R-007039	5		1	-1		-1	-1
U03-130222	6		3	8		12	-1
U03-230155	5		1	9		13	0
U03-230160	2		5	6		1	0
U03-802296	6		5	9		8	0
U03-811119	6		1	6		10	0
Date Planted	5/20	6/12	5/26	5/6	5/17	5/12	5/9
Days to Mature	125		119	144		125	146

UNIFORM TEST II Roundup-Ready, 2006

LODGING (score)

Strain	Beemer NE	Cotesfield NE	Goehner NE	Chatham ONT	Aurora SD	Beresford SD	Sinia SD
AG2403			2.0	1.0	1.0	2.0	
DKB20-52 (SCN)			2.0	1.0	1.0	2.0	
DKB26-52 (SCN)			2.0	1.0	1.0	2.0	
AG2801 (SCN)			2.0	1.0	1.0	2.0	
LD01-11363			2.0	1.0	2.0	3.0	
NEX2905A0R			2.0	1.0	1.0	2.0	
SDX00R-035-56			2.0	1.0	1.0	2.0	
SDX01R-007039			3.0	1.0	1.0	2.0	
U03-130222			3.0	1.0	2.0	3.0	
U03-230155			3.0	1.0	1.0	4.0	
U03-230160			4.0	1.0	1.0	2.0	
U03-802296			3.5	1.0	1.0	3.0	
U03-811119			2.0	1.0	1.0	2.0	

UNIFORM TEST II Roundup-Ready, 2006

PLANT HEIGHT (inches)

Strain	Mean 9 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Lenawee County MI
AG2403	28	31	28	31	23	33
DKB20-52 (SCN)	30	34	33	32	25	36
DKB26-52 (SCN)	35	39	38	39	34	41
AG2801 (SCN)	33	39	38	35	31	38
LD01-11363	34	41	39	38	30	43
NEX2905A0R	34	34	34	37	33	37
SDX00R-035-56	33	37	36	37	29	40
SDX01R-007039	35	37	38	37	30	42
U03-130222	37	41	41	37	33	42
U03-230155	38	41	41	39	34	44
U03-230160	33	39	37	33	27	39
U03-802296	39	44	44	41	30	44
U03-811119	31	33	29	31	29	31

UNIFORM TEST II Roundup-Ready, 2006

SEED SIZE (g/100)

Strain	Mean 11 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Lenawee County MI
AG2403	15.7	14.6	15.5	15.6	15.6	17.7
DKB20-52 (SCN)	14.9	14.9	13.3	13.9	14.1	16.1
DKB26-52 (SCN)	14.6	14.6	13.7	15.1	14.7	16.7
AG2801 (SCN)	14.3	15.6	14.3	13.8	15.2	16.5
LD01-11363	12.9	13.8	12.1	12.0	13.1	14.1
NEX2905A0R	12.7	12.9	12.2	12.1	13.2	15.6
SDX00R-035-56	13.6	13.3	11.7	12.3	12.6	14.7
SDX01R-007039	14.3	14.8	13.3	14.2	15.6	15.6
U03-130222	12.5	12.7	12.3	11.9	13.7	15.6
U03-230155	14.2	14.8	14.1	13.3	15.6	17.4
U03-230160	14.1	14.4	13.8	13.2	14.8	16.1
U03-802296	15.5	16.5	14.7	15.7	16.3	19.4
U03-811119	15.0	16.7	15.3	15.1	15.4	18.5

UNIFORM TEST II Roundup-Ready, 2006

PLANT HEIGHT (inches)

Strain	Beemer NE	Cotesfield NE	Goehner NE	Chatham ONT	Aurora SD	Beresford SD	Sinia SD
AG2403			26	28	25	30	
DKB20-52 (SCN)			26	27	25	32	
DKB26-52 (SCN)			28	29	30	41	
AG2801 (SCN)			25	28	27	38	
LD01-11363			26	23	30	39	
NEX2905A0R			30	27	35	39	
SDX00R-035-56			30	25	25	37	
SDX01R-007039			31	29	33	37	
U03-130222			33	31	35	39	
U03-230155			32	31	34	43	
U03-230160			30	31	29	36	
U03-802296			34	33	35	43	
U03-811119			27	31	29	35	

UNIFORM TEST II Roundup-Ready, 2006

SEED SIZE (g/100)

Strain	Beemer NE	Cotesfield NE	Goehner NE	Chatham ONT	Aurora SD	Beresford SD	Sinia SD
AG2403	17.3		14.3	13.3	16.3	17.5	15.5
DKB20-52 (SCN)	17.1		14.4	12.2	16.6	17.3	13.5
DKB26-52 (SCN)	15.3		15.2	11.9	15.3	15.4	13.2
AG2801 (SCN)	14.6		14.7	12.6	12.6	15.9	11.2
LD01-11363	14.8		15.0	10.4	13.4	13.2	9.8
NEX2905A0R	12.9		14.8	10.5	11.4	13.7	10.3
SDX00R-035-56	17.0		15.1	10.5	15.6	16.1	11.0
SDX01R-007039	16.9		13.3	11.9	15.5	15.1	11.5
U03-130222	13.6		12.7	10.2	12.2	12.7	10.1
U03-230155	14.5		13.2	12.4	14.5	14.9	11.7
U03-230160	15.6		13.1	12.6	13.9	15.0	12.4
U03-802296	15.8		13.2	13.0	16.4	16.9	12.2
U03-811119	16.9		13.1	13.3	13.1	17.1	10.9

UNIFORM TEST II Roundup-Ready, 2006

SEED QUALITY (score)

Strain	Mean 8 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Lenawee County MI
AG2403	2.1	2.0	1.5	1.5		
DKB20-52 (SCN)	2.1	2.0	1.0	1.0		
DKB26-52 (SCN)	2.2	2.0	1.5	1.0		
AG2801 (SCN)	2.2	2.0	1.5	1.0		
LD01-11363	2.0	1.0	1.5	1.0		
NEX2905A0R	2.2	2.0	1.5	1.0		
SDX00R-035-56	2.1	2.0	1.0	1.0		
SDX01R-007039	2.5	2.0	3.0	1.5		
U03-130222	2.3	2.0	1.5	1.0		
U03-230155	2.0	1.0	1.5	1.0		
U03-230160	2.2	2.0	1.5	1.0		
U03-802296	2.3	2.0	1.5	1.0		
U03-811119	2.2	1.0	1.0	1.0		

UNIFORM TEST II Roundup-Ready, 2006

SEED QUALITY (score)

Strain	Beemer NE	Cotesfield NE	Goehner NE	Chatham ONT	Aurora SD	Beresford SD	Sinia SD
AG2403			2.0	2.3	2.0	3.5	2.0
DKB20-52 (SCN)			3.0	2.0	3.0	3.0	2.0
DKB26-52 (SCN)			3.0	2.0	3.0	3.0	2.0
AG2801 (SCN)			3.0	2.3	3.0	3.0	2.0
LD01-11363			3.0	2.7	3.0	2.0	2.0
NEX2905A0R			3.0	2.7	3.0	2.0	2.0
SDX00R-035-56			3.0	2.7	3.0	2.0	2.0
SDX01R-007039			3.0	3.3	2.0	3.0	2.0
U03-130222			3.5	2.3	3.0	3.0	2.0
U03-230155			2.0	2.3	3.0	3.0	2.0
U03-230160			2.0	3.0	3.0	3.0	2.0
U03-802296			3.0	2.7	3.0	3.0	2.0
U03-811119			3.0	2.3	4.0	3.0	2.0

UNIFORM TEST II Roundup-Ready, 2006

PROTEIN (%)

Strain	Mean 6 Tests	Urbana IL	Lafayette IN	Wanatah IN	Beemer NE	Beresford SD	Sinai SD
AG2403	34.7	35.2	35.2	35.5	35.0	33.6	33.9
DKB20-52 (SCN)	34.3	35.7	34.5	33.4	35.8	33.8	32.7
DKB26-52 (SCN)	35.3	35.4	35.6	35.7	36.0	33.6	35.1
AG2801 (SCN)	35.5	35.6	36.7	36.0	35.6	34.4	34.9
LD01-11363	33.5	34.4	34.2	33.7	34.9	32.0	31.7
NEX2905A0R	34.0	34.9	34.5	33.4	34.5	32.3	34.3
SDX00R-035-56	34.9	34.9	34.1	33.6	40.9	33.2	32.9
SDX01R-007039	35.5	35.8	36.1	36.3	36.7	33.7	34.7
U03-130222	34.0	35.1	35.1	34.1	34.6	30.9	34.0
U03-230155	34.4	35.2	35.3	34.7	33.9	32.8	34.2
U03-230160	34.6	34.6	36.1	33.5	35.3	33.1	35.1
U03-802296	34.7	35.5	35.9	34.5	35.1	33.3	33.6
U03-811119	34.3	34.7	35.8	34.3	35.2	32.4	33.4

* Protein and Oil values converted to 13% moisture basis.

UNIFORM TEST II Roundup-Ready, 2006

OIL (%)

Strain	Mean 6 Tests	Urbana IL	Lafayette IN	Wanatah IN	Beemer NE	Beresford SD	Sinai SD
AG2403	16.9	17.2	17.8	17.1	16.9	17.7	14.8
DKB20-52 (SCN)	17.9	18.1	18.8	18.2	17.9	18.7	15.5
DKB26-52 (SCN)	16.2	17.6	16.4	16.4	16.2	16.9	13.7
AG2801 (SCN)	15.8	17.4	16.5	15.3	16.3	16.6	12.8
LD01-11363	16.4	17.3	17.4	16.5	16.2	17.4	13.3
NEX2905A0R	16.1	16.8	16.8	16.5	16.4	17.5	12.8
SDX00R-035-56	17.2	16.9	17.1	16.9	20.2	17.4	14.5
SDX01R-007039	16.5	17.6	16.7	16.7	15.8	17.9	14.0
U03-130222	16.3	17.2	16.8	15.9	16.7	18.4	13.0
U03-230155	16.5	17.3	17.3	16.4	17.0	17.5	13.6
U03-230160	17.1	18.4	17.3	17.4	17.2	18.4	14.0
U03-802296	15.5	17.1	16.0	15.7	15.3	16.1	12.8
U03-811119	16.5	17.9	17.6	16.6	16.0	17.9	13.3

Preliminary Test II Roundup-Ready, 2006

Ent.	Strain	Parentage	Gen. Comp.	Unique Traits
1.	AG2403	na		Rps1-k
2.	DKB20-52 (SCN)	na		Rps1-k
3.	DKB26-52 (SCN)	na		Rps1-a
4.	AG2801 (SCN)	na		Rps1-a
5.	LD03-23016R	IA2052 x 4-24 PT	F5	RR
6.	LD03-23508R	A98-884037 x 4-24 PT	F5	RR
7.	SD03-1431R	SD1081RR x SD1091RR	F5	RR
8.	SD03-1515R	SD1081RR x SD93-828E	F5	RR, Rps6
9.	SD03-1996R	IA2038 x SD1081RR	F5	RR
10.	SD03-2006R	IA2038 x SD1081RR	F5	RR
11.	SD03-2179	A97-770051 x SD93-828E	F5	RR, Rps6
12.	SD03-2182R	A97-770051 x SD93-828E	F5	RR, Rps1-k
13.	SD03-2207R	A97-770051 x SD93-828E	F5	RR
14.	SD03-2222R	A97-770051 x SD93-828E	F5	RR, Rps1-k
15.	SD03-2418R	MN0902 x SD93-828E	F5	RR, Rps1-k
16.	SD03-2505R	MN0902 x SD93-828E	F5	RR
17.	SD03-3025R	Pion 9151 x SD93-828E	F5	RR, Rps1-k
18.	SD03-3028R	Pion 9151 x SD93-828E	F5	RR, Rps1-k
19.	SD03-3506R	A97-771039 x SD1081RR	F5	RR
20.	SD03-4184R	A96-246029 x SD1081RR	F5	RR
21.	U03-801174	na	F5	IDC,BSR?
22.	U03-801278	na	F5	IDC,BSR?
23.	U03-804007	na	F5	IDC,BSR?
24.	U03-825124	na	F5	IDC,BSR?
25.	U03-850029	na	F5	IDC,BSR?

PRELIMINARY TEST II Roundup-Ready, 2006

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	<u>Shattering</u>	<u>PR</u>		<u>PS</u>	<u>FE</u>
		Score Manhattan KS	Lafayette Race 4	Lafayette Race 7	Lafayette a %	a rx.
AG2403 (II)	PTTDYBII	2.0	R	R	14	S
DKB20-52 (SCN)	PGTDYIbI	1.0	R	R	16	S
DKB26-52 (SCN)	PGBDYIbI	1.0	S	S	7	S
AG2801 (SCN)	PLtTIYBII	1.0	S	S	8	-
LD03-23016R	WTBDYBII	1.0	S	S	9	S
LD03-23508R	PTBIYBII	1.0	S	S	1	S
SD03-1431R	PGBDYYI	1.0	S	S	21	S
SD03-1515R	PGBDYIbI	1.0	S*	S	17	S
SD03-1996R	PTBDYYI	1.0	S	S	13	S
SD03-2006R	PTBDYBfI	1.0	S	S	3	S
SD03-2179	PGBDYBfI	1.0	R	S	55	S
SD03-2182R	PGBDYBfI	1.0	R	S*	34	S
SD03-2207R	PTBDYBII	1.0	S	S	10	S
SD03-2222R	PGBDYIbI	1.0	R	R	9	S
SD03-2418R	PTBDYBII	1.0	R	R	9	-
SD03-2505R	PGBDYBfI	1.0	R*	R*	9	-
SD03-3025R	PGBDYIbI	1.0	R	R	9	S
SD03-3028R	PT+GBDYIbI	2.0	R	R	19	S
SD03-3506R	WGBDYBfI	1.0	S	S	29	S
SD03-4184R	PGBDYBfI	1.0	S	R*	2	S
U03-801174	PT+GBDYBI+IbI	1.0	S	R*	10	S
U03-801278	WGTSYY+BfI	1.0	S	R*	38	S
U03-804007	PT+GTDYBI+IbI	1.0	S	R*	11	S
U03-825124	PGTDYIbI	1.0	S	R*	2	S
U03-850029	PTTDYBID+I	1.0	S	R*	11	S

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

PS: % seed discolored

FE: S = susceptible, - = lesions not detected, x = no data

PRELIMINARY TEST II Roundup-Ready, 2006

REGIONAL SUMMARY

No. of Tests Strain	Yield 9 bu/a	Rank 9 No.	Maturity 8 Date	Lodging 8 Score	Plant Height 8 In.	Seed Size 9 g/100	Seed Quality 7 Score	<u>Composition</u>	
								Protein 5 %	Oil 5 %
AG2403 (II)	58.1	5	9/20	1.3	28	15.8	2.0	34.9	18.0
DKB20-52 (SCN)	53.7	10	-3.5	1.2	30	15.3	1.9	35.0	18.2
DKB26-52 (SCN)	54.2	9	2.6	1.6	34	14.5	1.9	35.6	16.9
AG2801 (SCN)	56.1	8	8.3	1.4	34	14.1	2.1	35.6	16.4
LD03-23016R	50.5	14	2.5	1.2	33	14.7	1.8	35.6	16.3
LD03-23508R	56.8	6	0.8	1.5	33	14.6	1.7	34.2	17.2
SD03-1431R	44.2	23	-7.4	1.6	32	16.1	2.3	37.0	17.7
SD03-1515R	45.1	21	-4.9	1.3	31	15.1	1.9	34.0	18.6
SD03-1996R	47.4	20	-0.9	1.8	32	16.7	2.4	33.8	18.4
SD03-2006R	51.2	12	-3.4	1.5	28	13.9	1.9	34.9	18.9
SD03-2179	43.5	25	-6.5	1.2	28	15.0	2.4	34.2	18.8
SD03-2182R	48.4	17	-2.5	1.0	28	12.7	2.3	35.2	18.7
SD03-2207R	47.5	19	-5.0	1.3	30	14.0	2.1	34.2	18.5
SD03-2222R	49.7	16	1.8	1.3	30	14.4	2.3	33.3	18.8
SD03-2418R	50.8	13	-2.1	1.9	34	15.4	1.9	34.3	19.0
SD03-2505R	53.3	11	2.5	2.0	33	16.8	1.9	35.9	17.3
SD03-3025R	48.1	18	-5.1	1.2	29	15.2	2.1	33.7	18.9
SD03-3028R	45.1	21	-6.1	1.2	28	15.3	1.8	34.8	18.3
SD03-3506R	44.2	24	-6.8	1.3	28	14.9	2.3	34.1	19.0
SD03-4184R	50.4	15	-1.0	1.9	32	13.2	2.0	34.1	16.7
U03-801174	60.2	3	1.9	1.3	28	17.3	2.1	35.6	17.6
U03-801278	61.6	2	5.3	1.1	31	15.2	1.6	34.2	17.6
U03-804007	58.3	4	3.8	1.3	30	16.7	1.9	35.0	17.6
U03-825124	62.7	1	7.1	1.4	33	15.3	1.9	33.3	17.7
U03-850029	56.6	7	5.1	1.3	29	13.4	2.5	32.6	18.1

122.8 Days After Planting

PRELIMINARY TEST II Roundup-Ready, 2006

YIELD (bu/a)

Strain	Mean 9 Tests	Urbana* IL	Lafayette IN	Wanatah IN	Ingham County MI	Chatham ONT	Beemer NE	Cotesfield NE	Goehner NE	Aurora SD	Beresford SD
AG2403 (II)	58.1	54.2	58.3	58.5	50.7	57.4	75.9	78.6	45.0	41.7	56.4
DKB20-52 (SCN)	53.7	59.8	54.3	57.8	44.0	61.1	66.9	72.7	44.3	36.9	45.6
DKB26-52 (SCN)	54.2	59.0	65.8	60.9	53.0	58.2	66.3	69.9	32.5	32.4	48.6
AG2801 (SCN)	56.1	63.8	66.3	54.5	53.9	55.6	64.8	74.5	50.9	31.8	52.6
LD03-23016R	50.5	52.0	59.1	52.6	45.2	52.0	63.3	61.0	45.8	37.2	38.5
LD03-23508R	56.8	45.7	60.7	56.8	56.9	52.3	64.8	71.6	54.0	41.9	52.6
SD03-1431R	44.2	43.7	44.1	52.2	49.2	40.9	56.5	34.1	39.2	32.0	49.6
SD03-1515R	45.1	39.6	39.7	53.5	51.3	31.4*	56.4	47.5	41.8	32.4	38.6
SD03-1996R	47.4	40.7	58.7	52.8	52.4	10.7*	58.8	48.6	29.1	41.0	38.2
SD03-2006R	51.2	43.5	46.7	56.1	55.7	18.4*	68.6	51.5	34.6	35.5	60.5
SD03-2179	43.5	41.9	41.0	48.2	31.3	38.9	58.2	61.2	32.3	26.7	53.7
SD03-2182R	48.4	44.8	46.7	53.5	39.9	44.7	63.7	65.5	36.5	30.1	55.1
SD03-2207R	47.5	39.5	45.8	52.0	54.6	38.3	64.6	48.4	38.1	37.1	48.5
SD03-2222R	49.7	53.4	46.7	53.1	36.5	46.5	68.2	58.7	49.9	36.2	51.6
SD03-2418R	50.8	44.2	48.0	54.6	51.0	52.7	63.2	55.7	52.8	33.4	46.2
SD03-2505R	53.3	47.0	51.0	61.5	51.8	61.0	65.2	56.6	43.2	31.4	58.4
SD03-3025R	48.1	38.3	32.1	49.6	51.5	48.2	62.5	55.5	52.2	38.9	42.3
SD03-3028R	45.1	33.6	33.8	52.0	39.3	51.0	60.7	50.0	36.1	38.8	44.1
SD03-3506R	44.2	20.3	32.6	50.6	45.2	32.3*	62.7	53.4	26.2	36.5	46.1
SD03-4184R	50.4	25.6	37.0	53.5	55.9	52.8	67.6	37.7	51.3	48.7	49.2
U03-801174	60.2	27.0	53.3	61.8	62.9	56.2	69.7	81.1	56.0	48.6	51.9
U03-801278	61.6	26.7	62.6	65.6	57.7	53.9	78.0	86.0	54.4	39.3	56.8
U03-804007	58.3	38.9	63.9	59.6	42.0	55.5	68.4	77.9	58.9	43.4	54.7
U03-825124	62.7	48.3	64.8	63.5	65.5	65.8	72.2	78.4	65.4	41.4	47.5
U03-850029	56.6	44.2	55.3	61.5	52.8	53.1	77.9	78.3	51.4	36.9	42.0
C.V. (%)		19.5	14.0	7.5	9.3	9.1	5.2	11.0	13.7	13.0	12.4
L.S.D. (5%)		14.3	14.8	8.7	8.0	7.4	8.4	18.6	15.2	9.5	12.2
Row Sp. (In.)		30	26	30	15	17	30	30	30	30	30
Rows/Plot		4	4	4	6	5	4	4	4	4	4
Reps		2	2	2	2	2	2	2	2	2	2

*Data not included in mean.

PRELIMINARY TEST II Roundup-Ready, 2006

YIELD RANK

Strain	Yield Rank	Ingham									
		Urbana IL	Lafayette IN	Wanatah IN	County MI	Chatham ONT	Beemer NE	Cotesfield NE	Goehner NE	Aurora SD	Beresford SD
AG2403 (II)	5	4	9	8	16	5	3	3	13	5	4
DKB20-52 (SCN)	10	2	11	9	20	2	10	8	14	13	19
DKB26-52 (SCN)	9	3	2	6	9	4	11	10	22	19	14
AG2801 (SCN)	8	1	1	13	8	7	13	7	10	22	8
LD03-23016R	14	6	7	19	18	14	17	13	12	11	24
LD03-23508R	6	9	6	10	4	13	13	9	5	4	8
SD03-1431R	23	13	19	20	17	19	24	25	17	21	12
SD03-1515R	21	17	21	14	14	23	25	23	16	19	23
SD03-1996R	20	16	8	18	11	25	22	21	24	7	25
SD03-2006R	12	14	15	11	6	24	6	19	21	17	1
SD03-2179	25	15	20	25	25	20	23	12	23	25	7
SD03-2182R	17	10	15	14	22	18	16	11	19	24	5
SD03-2207R	19	18	18	21	7	21	15	22	18	12	15
SD03-2222R	16	5	15	17	24	17	8	14	11	16	11
SD03-2418R	13	11	14	12	15	12	18	16	6	18	17
SD03-2505R	11	8	13	4	12	3	12	15	15	23	2
SD03-3025R	18	20	25	24	13	16	20	17	7	9	21
SD03-3028R	21	21	23	21	23	15	21	20	20	10	20
SD03-3506R	24	25	24	23	19	22	19	18	25	15	18
SD03-4184R	15	24	22	14	5	11	9	24	9	1	13
U03-801174	3	22	12	3	2	6	5	2	3	2	10
U03-801278	2	23	5	1	3	9	1	1	4	8	3
U03-804007	4	19	4	7	21	8	7	6	2	3	6
U03-825124	1	7	3	2	1	1	4	4	1	6	16
U03-850029	7	12	10	4	10	10	2	5	8	13	22

PRELIMINARY TEST II Roundup-Ready, 2006

MATURITY (date)

Strain	Mean 8 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Chatham ONT	Beemer NE	Cotesfield NE	Goehner NE	Aurora SD	Beresford SD
AG2403 (II)	9/20	9/8	9/14	9/27	9/29	9/26	9/21		9/18		9/20
DKB20-52 (SCN)	-3.5	-1	-5	-5	-3	-2	1		-3		-10
DKB26-52 (SCN)	2.6	7	2	1	6	4	1		6		-6
AG2801 (SCN)	8.3	13	8	8	11	9	6		8		3
LD03-23016R	2.5	5	1	-1	2	3	2		5		3
LD03-23508R	0.8	3	1	-3	3	1	2		0		-1
SD03-1431R	-7.4	-4	-10	-11	-10	-10	0		-4		-10
SD03-1515R	-4.9	-2	-9	-6	-7	-6	1		-2		-8
SD03-1996R	-0.9	2	-2	-1	-1	-1	2		-1		-5
SD03-2006R	-3.4	0	-6	-5	-5	-5	1		-1		-6
SD03-2179	-6.5	-2	-10	-10	-11	-9	1		-3		-8
SD03-2182R	-2.5	4	-6	-8	-4	-3	1		3		-7
SD03-2207R	-5.0	0	-6	-10	-6	-7	0		-3		-8
SD03-2222R	1.8	10	3	0	2	5	3		-2		-7
SD03-2418R	-2.1	2	-5	-5	-1	-1	2		-1		-8
SD03-2505R	2.5	8	0	4	5	6	2		0		-5
SD03-3025R	-5.1	-2	-11	-7	-6	-7	1		-1		-8
SD03-3028R	-6.1	-6	-11	-9	-7	-7	1		-2		-8
SD03-3506R	-6.8	-9	-12	-7	-6	-7	0		-5		-8
SD03-4184R	-1.0	-4	-5	-2	5	3	1		1		-7
U03-801174	1.9	1	3	1	5	5	3		1		-4
U03-801278	5.3	5	7	7	8	7	3		4		1
U03-804007	3.8	6	4	2	4	5	5		4		0
U03-825124	7.1	10	6	6	9	7	7		10		2
U03-850029	5.1	9	5	6	6	3	4		7		1
Date Planted	5/20	5/9	5/9	5/28	6/5	5/6	5/20	6/12	5/26	5/17	5/12
Days to Mature	123	122	128	122	116	143	124		115		131

PRELIMINARY TEST II Roundup-Ready, 2006

LODGING (score)

Strain	Mean 8 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Chatham ONT	Beemer NE	Cotesfield NE	Goehner NE	Aurora SD	Beresford SD
AG2403 (II)	1.3	1.0	1.0	1.0	1.0	1.0			2.0	1.0	2.0
DKB20-52 (SCN)	1.2	1.3	1.0	1.0	1.0	1.0			1.5	1.0	2.0
DKB26-52 (SCN)	1.6	2.3	1.3	1.3	2.0	1.0			2.0	1.0	2.0
AG2801 (SCN)	1.4	1.8	1.0	1.0	1.5	1.0			2.0	1.0	2.0
LD03-23016R	1.2	1.8	1.0	1.0	1.0	1.0			2.0	1.0	1.0
LD03-23508R	1.5	1.5	1.0	1.3	2.0	1.0			2.5	1.0	2.0
SD03-1431R	1.6	2.5	1.5	1.3	1.5	1.0			2.0	1.0	2.0
SD03-1515R	1.3	1.5	1.5	1.0	1.0	1.0			1.5	1.0	2.0
SD03-1996R	1.8	2.5	1.3	1.8	2.5	1.0			2.5	1.0	2.0
SD03-2006R	1.5	2.0	1.3	1.5	1.0	1.0			2.0	1.0	2.0
SD03-2179	1.2	1.0	1.0	1.0	1.0	1.0			1.5	1.0	2.0
SD03-2182R	1.0	1.0	1.0	1.0	1.0	1.0			1.0	1.0	1.0
SD03-2207R	1.3	1.3	1.0	1.3	1.0	1.0			2.0	1.0	2.0
SD03-2222R	1.3	1.0	1.0	1.0	1.0	1.0			2.0	1.0	2.0
SD03-2418R	1.9	2.0	1.0	1.5	3.0	1.0			2.5	1.0	3.0
SD03-2505R	2.0	1.5	1.0	1.8	4.5	1.0			3.0	1.0	2.0
SD03-3025R	1.2	1.3	1.0	1.0	1.0	1.0			2.0	1.0	1.0
SD03-3028R	1.2	1.3	1.0	1.0	1.0	1.0			2.0	1.0	1.0
SD03-3506R	1.3	1.0	1.0	1.3	1.0	1.0			2.0	1.0	2.0
SD03-4184R	1.9	1.5	1.0	1.8	4.0	1.0			2.5	1.0	2.0
U03-801174	1.3	1.0	1.0	1.0	1.0	1.0			2.0	1.0	2.0
U03-801278	1.1	1.0	1.0	1.0	1.0	1.0			2.0	1.0	1.0
U03-804007	1.3	1.3	1.0	1.0	1.0	1.0			2.0	1.0	2.0
U03-825124	1.4	1.0	1.0	1.0	1.5	1.0			2.5	1.0	2.0
U03-850029	1.3	1.3	1.0	1.0	1.5	1.0			2.0	1.0	2.0

PRELIMINARY TEST II Roundup-Ready, 2006

PLANT HEIGHT (inches)

Strain	Mean 8 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Chatham ONT	Beemer NE	Cotesfield NE	Goehner NE	Aurora SD	Beresford SD
AG2403 (II)	28	32	30	31	24	29			23	26	30
DKB20-52 (SCN)	30	35	32	34	23	34			23	26	32
DKB26-52 (SCN)	34	40	37	40	31	34			32	24	37
AG2801 (SCN)	34	39	38	38	27	32			31	27	36
LD03-23016R	33	39	39	40	24	33			31	31	30
LD03-23508R	33	37	34	40	30	30			28	33	32
SD03-1431R	32	36	32	37	27	26			26	34	34
SD03-1515R	31	32	34	38	27	25			28	27	36
SD03-1996R	32	36	37	41	24	23			27	31	33
SD03-2006R	28	33	31	36	23	20			24	29	30
SD03-2179	28	28	26	34	20	24			25	29	34
SD03-2182R	28	33	33	33	22	25			21	21	34
SD03-2207R	30	35	29	36	26	27			24	22	38
SD03-2222R	30	33	30	37	22	27			25	26	38
SD03-2418R	34	37	35	39	29	32			32	28	37
SD03-2505R	33	34	35	39	34	34			29	28	33
SD03-3025R	29	30	28	34	28	28			25	25	33
SD03-3028R	28	30	28	35	20	30			25	25	29
SD03-3506R	28	27	26	36	28	25			25	24	34
SD03-4184R	32	28	29	42	35	36			27	25	31
U03-801174	28	27	29	31	27	30			28	25	30
U03-801278	31	29	29	36	29	34			26	28	35
U03-804007	30	30	31	32	22	32			28	26	36
U03-825124	33	35	34	38	32	36			30	24	34
U03-850029	29	33	30	39	25	32			22	20	32

PRELIMINARY TEST II Roundup-Ready, 2006

SEED SIZE (g/100)

Strain	Mean 9 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Chatham ONT	Beemer NE	Cotesfield NE	Goehner NE	Aurora SD	Beresford SD
AG2403 (II)	15.8	14.5	15.1	15.5	15.2	13.9	17.9		14.8	17.4	17.8
DKB20-52 (SCN)	15.3	15.3	13.7	15.7	12.5	13.6	18.2		15.1	18.3	15.7
DKB26-52 (SCN)	14.5	13.9	13.9	14.9	13.9	14.0	14.8		15.1	14.3	15.7
AG2801 (SCN)	14.1	15.0	14.3	13.9	13.4	12.7	14.6		12.8	14.2	15.8
LD03-23016R	14.7	14.5	14.1	14.2	13.2	12.8	16.4		14.3	16.2	16.7
LD03-23508R	14.6	13.2	13.5	14.7	14.1	11.9	16.0		15.1	17.3	16.0
SD03-1431R	16.1	14.9	13.5	15.9	13.4	13.3	21.2		15.8	18.7	18.2
SD03-1515R	15.1	13.6	11.7	14.8	12.1	13.4	18.0		14.5	19.4	18.1
SD03-1996R	16.7	15.5	14.9	17.3	15.3	13.9	20.0		15.6	18.8	19.0
SD03-2006R	13.9	12.1	10.4	13.5	11.8	11.0	17.1		13.4	17.7	18.2
SD03-2179	15.0	15.0	14.2	15.3	11.7	12.5	19.0		15.0	15.4	17.2
SD03-2182R	12.7	12.0	11.4	12.3	10.2	10.2	14.7		14.3	14.6	14.8
SD03-2207R	14.0	12.6	12.1	13.7	13.0	12.0	15.9		14.3	17.0	14.9
SD03-2222R	14.4	14.7	12.7	14.6	12.9	11.6	16.8		16.7	15.4	14.1
SD03-2418R	15.4	15.3	14.3	15.8	14.4	13.4	17.0		16.3	15.9	16.7
SD03-2505R	16.8	16.4	14.4	16.6	15.7	14.6	19.4		17.4	17.4	19.4
SD03-3025R	15.2	13.4	11.8	14.6	14.3	13.9	18.2		16.7	17.9	16.1
SD03-3028R	15.3	13.9	12.5	15.3	13.3	12.9	17.9		17.0	16.0	18.9
SD03-3506R	14.9	12.2	12.4	14.1	12.3	12.3	19.6		15.3	16.6	19.5
SD03-4184R	13.2	10.4	12.0	12.2	12.3	10.5	15.6		14.2	15.5	16.0
U03-801174	17.3	15.3	16.3	18.3	17.1	15.3	18.6		16.6	19.2	18.6
U03-801278	15.2	13.8	14.2	15.4	15.3	13.7	16.4		14.8	15.1	17.7
U03-804007	16.7	15.8	16.2	18.5	14.9	15.0	18.2		15.6	17.8	18.2
U03-825124	15.3	15.4	14.1	15.6	15.7	13.8	16.2		14.8	16.4	16.2
U03-850029	13.4	13.0	12.3	14.4	12.8	11.0	15.2		13.8	13.8	14.6

PRELIMINARY TEST II Roundup-Ready, 2006

SEED QUALITY (score)

Strain	Mean 7 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ingham County MI	Chatham ONT	Beemer NE	Cotesfield NE	Goehner NE	Aurora SD	Beresford SD
AG2403 (II)	2.0	2.0	1.5	1.5		2.0			2.0	2.0	3.0
DKB20-52 (SCN)	1.9	2.0	1.0	1.0		2.0			2.0	2.0	3.0
DKB26-52 (SCN)	1.9	1.0	1.0	1.0		2.0			2.0	3.0	3.0
AG2801 (SCN)	2.1	2.0	1.5	1.0		2.0			2.0	3.0	3.0
LD03-23016R	1.8	2.0	1.0	1.0		2.0			1.5	2.0	3.0
LD03-23508R	1.7	2.0	1.0	1.0		2.0			2.0	2.0	2.0
SD03-1431R	2.3	2.0	2.0	1.0		2.0			2.0	3.0	4.0
SD03-1515R	1.9	2.0	1.5	1.0		2.0			2.0	2.0	3.0
SD03-1996R	2.4	3.0	1.5	1.0		3.5			2.5	2.0	3.0
SD03-2006R	1.9	2.0	1.0	1.0		2.0			2.0	2.0	3.0
SD03-2179	2.4	3.0	2.5	1.5		2.0			2.0	2.0	4.0
SD03-2182R	2.3	4.0	1.5	1.0		2.0			2.5	2.0	3.0
SD03-2207R	2.1	2.0	1.5	1.0		2.5			2.0	3.0	3.0
SD03-2222R	2.3	3.0	1.5	1.0		2.0			2.5	2.0	4.0
SD03-2418R	1.9	2.0	1.0	1.0		2.5			2.0	2.0	3.0
SD03-2505R	1.9	2.0	1.5	1.0		2.5			2.0	2.0	2.0
SD03-3025R	2.1	2.0	1.0	1.0		3.0			2.0	2.0	4.0
SD03-3028R	1.8	2.0	1.0	1.0		2.0			1.5	2.0	3.0
SD03-3506R	2.3	3.0	2.0	1.0		2.5			2.5	2.0	3.0
SD03-4184R	2.0	3.0	1.0	1.0		2.5			1.5	2.0	3.0
U03-801174	2.1	3.0	1.5	1.0		2.5			2.0	2.0	3.0
U03-801278	1.6	2.0	1.0	1.0		1.5			1.0	2.0	3.0
U03-804007	1.9	2.0	1.0	1.0		2.0			2.0	2.0	3.0
U03-825124	1.9	1.0	1.0	1.0		2.5			2.0	3.0	3.0
U03-850029	2.5	2.0	1.5	1.0		3.0			3.0	3.0	4.0

PRELIMINARY TEST II Roundup-Ready, 2006

PROTEIN (%)

Strain	Mean 5 Tests	Urbana IL	Lafayette IN	Wanatah IN	Beemer NE	Beresford SD
AG2403 (II)	34.9	34.7	36.7	34.7	34.9	33.5
DKB20-52 (SCN)	35.0	35.9	36.1	34.2	35.1	33.5
DKB26-52 (SCN)	35.6	36.3	36.5	35.1	35.6	34.7
AG2801 (SCN)	35.6	35.9	36.2	35.1	35.5	35.0
LD03-23016R	35.6	35.8	36.0	34.8	36.6	34.9
LD03-23508R	34.2	34.5	34.3	34.0	35.1	33.0
SD03-1431R	37.0	37.5	37.7	35.7	38.2	35.8
SD03-1515R	34.0	34.4	34.8	33.3	34.3	33.0
SD03-1996R	33.8	33.8	33.4	33.2	34.4	34.2
SD03-2006R	34.9	35.1	34.9	34.3	34.6	35.3
SD03-2179	34.2	35.4	35.6	32.6	35.0	32.4
SD03-2182R	35.2	36.5	36.2	34.6	35.8	33.2
SD03-2207R	34.2	34.0	35.2	34.1	35.5	32.2
SD03-2222R	33.3	34.8	34.8	33.4	33.2	30.4
SD03-2418R	34.3	35.0	35.4	34.5	35.0	31.5
SD03-2505R	35.9	36.2	36.1	36.4	36.6	34.3
SD03-3025R	33.7	33.7	33.3	32.9	36.2	32.3
SD03-3028R	34.8	36.0	34.5	33.6	37.2	32.5
SD03-3506R	34.1	31.1	34.8	33.8	35.4	35.4
SD03-4184R	34.1	33.8	34.9	32.6	34.9	34.2
U03-801174	35.6	35.6	36.3	35.7	36.2	34.3
U03-801278	34.2	33.2	35.3	35.1	34.0	33.3
U03-804007	35.0	35.3	35.7	34.8	35.1	34.1
U03-825124	33.3	34.3	34.1	33.3	33.5	31.4
U03-850029	32.6	33.0	33.2	33.3	33.6	30.0

* Protein and Oil values converted to 13% moisture basis.

PRELIMINARY TEST II Roundup-Ready, 2006

OIL (%)

Strain	Mean 5 Tests	Urbana IL	Lafayette IN	Wanatah IN	Beemer NE	Beresford SD
AG2403 (II)	18.0	18.7	17.8	17.7	17.7	18.2
DKB20-52 (SCN)	18.2	18.2	18.7	17.9	17.7	18.6
DKB26-52 (SCN)	16.9	17.3	16.3	17.1	16.7	17.0
AG2801 (SCN)	16.4	16.9	16.3	16.3	16.1	16.4
LD03-23016R	16.3	16.6	15.9	16.5	15.9	16.6
LD03-23508R	17.2	17.9	17.1	16.9	16.8	17.4
SD03-1431R	17.7	18.4	17.4	17.6	16.8	18.4
SD03-1515R	18.6	19.1	18.7	18.3	17.8	19.0
SD03-1996R	18.4	18.8	19.2	17.9	17.8	18.2
SD03-2006R	18.9	19.3	19.8	18.4	18.7	18.1
SD03-2179	18.8	18.9	19.8	18.4	18.1	18.7
SD03-2182R	18.7	19.0	19.0	18.7	17.9	19.0
SD03-2207R	18.5	19.4	18.6	17.8	17.5	18.9
SD03-2222R	18.8	18.7	18.2	18.4	18.9	20.0
SD03-2418R	19.0	19.2	19.2	19.1	17.7	19.7
SD03-2505R	17.3	17.9	17.8	16.4	17.0	17.5
SD03-3025R	18.9	19.7	19.8	19.0	17.5	18.6
SD03-3028R	18.3	18.1	18.8	18.4	16.9	19.3
SD03-3506R	19.0	20.8	19.4	18.5	17.9	18.5
SD03-4184R	16.7	17.2	16.2	16.7	16.3	17.0
U03-801174	17.6	19.9	17.7	16.8	16.3	17.2
U03-801278	17.6	19.2	17.3	16.5	17.4	17.7
U03-804007	17.6	18.5	17.0	17.2	17.4	18.0
U03-825124	17.7	18.0	17.4	17.4	17.4	18.1
U03-850029	18.1	19.0	18.2	17.2	17.5	18.7

Uniform Test III Roundup-Ready, 2006

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	DKB34-51	na	new		RR, SCN, Rps1-k
2.	DKB31-51	na	1		RR, Rps1-k
3.	AG3203	na	new		RR, SCN, Rps1-c
4.	DKB38-52	na	2		RR, SCN, Rps1-c
5.	CL02-122311	na	new	F5	RR, Rps1-k
6.	CL03-131161	na	new	F4	RR
7.	K04-2203RR	U98-311442 x K97-132	new	F5	
8.	K04-2347RR	U98-311442 x K97-135	new	F5	
9.	K04-2686RR	LN94-15200-97 x K97-135	new	F5	
10.	K04-3703RR	U98-307917 x K97-133	new	F5	
11.	K04-3720RR	U98-307917 x K97-135	new	F5	
12.	K04-3737RR	E98195 x K97-132	new	F5	
13.	NEX3205A0R	na	1		
14.	NEX3305B0R	na	1		
15.	NEX3605A0R	na	1		
16.	U03-430316	na	1	F5	RR
17.	U03-824119	na	new	F5	BSR?
18.	U03-824141	na	SCN PTIIIR		Rps?, BSR
19.	SS01-13372	na	SCNIII-RR	F5	RR, SCN
20.	SS01-14319	na	SCNIII-RR	F5	RR, SCN

UNIFORM TEST III Roundup-Ready, 2006

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Shattering			PR		PS	FE	SDS	
		Score			Lafayette		Lafayette		Carbondale	Carmi
		Ashland KS	Manhattan KS	Ottawa KS	Race 4	Race 7	a %	a rx.	IL DX	
DKB34-51 (III)	PGTIYYIbI	1.0	1.0	1.0	R	R	0	S	12.8	5.0
DKB31-51	PGTDYIbI	1.0	1.0	1.0	R	R	1	S	5.9	11.5
AG3203	PGTDYIbI	1.0	1.0	1.0	S	R	0	S	1.1	7.4
DKB38-52	WGTDYLbfi	1.0	1.0	1.0	R*	R	0	S	6.9	5.4
CL02-122311	P+WTBDYBII	1.0	1.0	1.0	H*	R	2	S	0.9	9.0
CL03-131161	PTBDYBrYGrI	1.0	1.0	1.0	S	S	5	S	2.0	0.6
K04-2203RR	PGTDYIbI	1.0	1.0	1.0	S	S	2	S	24.3	40.7
K04-2347RR	PGBTDYIbI	1.0	1.0	1.0	S	R*	3	S	24.1	63.0
K04-2686RR	WGBDYY=Bfi	1.0	1.0	1.0	S	S	4	S	29.2	42.6
K04-3703RR	WLtBDYBrI	1.0	1.0	1.0	S	S	5	S	1.5	3.5
K04-3720RR	PG+TBDYBI+IbI	1.0	1.0	1.0	S	S	3	S	7.0	21.7
K04-3737RR	PTTDYBII	1.0	1.0	1.0	S	S	1	S	6.3	16.1
NEX3205A0R	WTBDYBII	1.0	1.0	1.0	S	R*	1	S	16.3	12.2
NEX3305B0R	PBTDYIbI	1.0	1.0	1.0	S	R*	2	S	6.3	5.9
NEX3605A0R	WT_GTSYBI+Bfi	1.0	1.0	1.0	S	S	1	S	8.8	6.9
U03-430316	PGBDYIbI	1.0	1.0	1.0	R*	R*	13	S	7.8	5.6
U03-824119	PTTDYBII	1.0	1.0	1.0	R*	R*	8	S	3.2	6.7
U03-824141	PTTDYBID	1.0	1.0	1.0	S	R	5	S	3.9	10.6
SS01-13372	PTBDYBII	1.0	1.0	1.0	S	S	3	-	0.9	3.2
SS01-14319	PGBDYGr=IbI	1.0	1.0	1.0	S	R*	5	-	33.7	8.3

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait

PS: % seed discolored

FE: S = susceptible, - = lesions not detected, x = no data

UNIFORM TEST III Roundup-Ready, 2006

REGIONAL SUMMARY

No. of Tests Strain	Yield 12 bu/a	Rank 12 No.	Maturity 10 Date	Lodging 10 Score	Plant Height 10 In.	Seed Size 11 g/100	Seed Quality 11 Score	<u>Composition</u>	
								Protein 6 %	Oil 6 %
DKB34-51	54.7	1	9/23	1.6	35	13.8	3.3	36.6	16.2
DKB31-51	49.7	14	-2.2	1.3	31	14.1	3.4	36.1	17.6
AG3203	50.1	13	-2.5	1.2	32	13.2	3.3	36.4	16.5
DKB3852	48.9	17	3.6	1.3	34	12.3	3.3	34.7	16.9
CL02-122311	51.8	8	2.7	1.8	31	13.9	3.3	36.9	16.3
CL03-131161	47.5	19	-0.7	1.5	35	13.2	3.6	36.0	15.9
K04-2203RR	53.3	5	3.3	1.6	34	14.6	3.8	37.4	15.8
K04-2347RR	49.2	15	2.5	2.2	35	12.6	3.4	33.8	16.6
K04-2686RR	51.0	11	2.5	1.8	36	10.3	2.9	36.0	15.7
K04-3703RR	48.7	18	4.1	1.7	37	12.4	3.4	35.3	16.5
K04-3720RR	51.1	9	4.0	1.9	37	13.4	3.5	35.0	17.1
K04-3737RR	49.1	16	3.1	1.7	36	12.3	3.4	35.0	15.8
NEX3205A0R	53.5	4	-1.0	1.8	35	13.2	3.2	36.2	16.7
NEX3305B0R	53.1	6	-1.7	1.4	32	13.5	3.4	35.0	16.3
NEX3605A0R	53.7	3	2.0	1.3	34	13.5	3.2	37.0	16.2
U03-430316	51.1	9	-2.1	1.3	32	14.0	3.4	35.0	17.0
U03-824119	54.4	2	1.7	1.3	34	14.6	3.9	35.6	16.5
U03-824141	47.3	20	-2.3	1.5	29	14.0	3.4	33.7	18.0
SS01-13372	52.7	7	3.3	1.9	34	12.6	3.1	35.3	16.3
SS01-14319	50.7	12	2.9	1.8	37	12.7	3.5	37.3	15.1

127.7 Days After Planting

UNIFORM TEST III Roundup-Ready, 2006

2005-2006 2-YEAR MEAN

No. of Tests Strain	Yield 26 bu/a	Rank 26 No.	Maturity 23 Date	Lodging 23 Score	Plant Height 23 In.	Seed Size 25 g/100	Seed Quality 22 Score	<u>Composition</u>	
								Protein 12 %	Oil 12 %
DKB31-51	50.8	6	9/21	1.3	31	14.4	2.6	35.5	18.2
DKB3852	52.0	5	5.6	1.2	33	12.7	2.6	34.4	17.6
NEX3205A0R	54.5	1	1.0	1.8	34	13.7	2.5	36.0	17.2
NEX3305B0R	54.5	1	0.2	1.3	32	14.0	2.5	34.1	17.0
NEX3605A0R	54.4	3	3.8	1.3	34	13.7	2.5	36.3	16.8
U03-430316	52.6	4	0.3	1.3	32	14.5	2.6	34.0	17.6

130.2 Days After Planting

UNIFORM TEST III Roundup-Ready, 2006

YIELD (bu/a)

Strain	Mean 12 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Manhattan KS	Ottawa KS
DKB34-51	54.7	72.9	69.4	57.7	51.0	31.7	36.7
DKB31-51	49.7	71.8	66.6	59.7	42.1	30.4	35.0
AG3203	50.1	73.2	68.6	58.4	43.3	29.4	35.4
DKB3852	48.9	65.1	62.3	47.7	47.8	30.4	37.7
CL02-122311	51.8	66.6	67.5	50.1	47.0	28.7	36.3
CL03-131161	47.5	60.2	65.1	52.9	46.2	30.9	31.9
K04-2203RR	53.3	51.8	66.2	56.7	48.7	30.4	38.7
K04-2347RR	49.2	45.6	52.8	54.4	48.3	33.3	33.8
K04-2686RR	51.0	56.3	66.6	59.1	46.4	32.0	33.6
K04-3703RR	48.7	59.5	49.6	40.1	51.0	32.5	32.8
K04-3720RR	51.1	62.2	52.8	47.9	48.6	33.4	38.6
K04-3737RR	49.1	64.2	49.9	37.4	52.6	32.5	37.8
NEX3205A0R	53.5	64.0	64.8	59.8	51.1	30.9	32.1
NEX3305B0R	53.1	64.3	69.7	55.4	50.9	31.8	36.6
NEX3605A0R	53.7	64.7	63.7	58.0	45.3	29.0	33.7
U03-430316	51.1	64.7	69.6	60.6	41.7	32.2	34.2
U03-824119	54.4	67.5	71.0	60.2	45.9	34.7	39.1
U03-824141	47.3	57.0	58.6	58.5	42.9	28.7	35.2
SS01-13372	52.7	69.7	69.4	53.8	49.5	28.4	33.1
SS01-14319	50.7	65.0	61.8	53.5	47.3	30.1	35.4
C.V. (%)		6.6	9.4	7.1	7.3	8.7	5.2
L.S.D. (5%)		5.7	9.9	6.4	5.7	4.5	3.0
Row Sp. (in.)		30	26	30	30	30	30
Rows/Plot		4	4	4	4	4	4
Reps		3	3	3	3	3	3

UNIFORM TEST III Roundup-Ready, 2006

YIELD (bu/a)

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	DeWitt NE	Goehner NE	Tekamah NE
DKB34-51	38.5	45.2	51.0	84.7	50.8	66.9
DKB31-51	26.8	26.5	40.5	74.9	59.7	62.2
AG3203	28.3	27.7	43.5	76.1	53.5	64.2
DKB3852	44.4	27.4	35.8	72.4	54.0	61.4
CL02-122311	37.7	50.9	47.3	72.5	55.7	60.8
CL03-131161	31.5	40.3	39.2	67.1	46.6	58.4
K04-2203RR	39.9	56.5	54.3	72.7	58.6	65.6
K04-2347RR	35.3	54.5	50.6	73.3	57.4	51.0
K04-2686RR	31.4	43.3	42.8	71.9	64.4	63.9
K04-3703RR	38.6	57.4	43.3	65.9	53.4	60.4
K04-3720RR	34.1	48.5	52.1	74.2	58.5	62.7
K04-3737RR	40.5	46.4	42.2	73.4	45.7	66.2
NEX3205A0R	35.8	57.1	43.2	74.5	65.5	63.1
NEX3305B0R	37.1	45.4	46.3	72.0	63.4	63.8
NEX3605A0R	32.3	60.9	46.3	79.1	69.5	61.5
U03-430316	37.5	34.8	43.3	82.1	57.2	55.1
U03-824119	38.4	45.5	47.8	79.6	52.5	70.5
U03-824141	33.4	36.3	37.2	77.1	45.0	57.6
SS01-13372	40.8	43.6	56.0	67.0	61.7	59.6
SS01-14319	42.4	39.4	48.7	69.5	58.0	57.8
C.V. (%)	10.0	10.0	12.3	6.0	7.5	8.5
L.S.D. (5%)	4.9	7.3	9.3	10.9	10.4	12.9
Row Sp. (in.)	30	30	30	30	30	30
Rows/Plot	4	2	2	4	4	4
Reps	3	3	3	2	2	2

UNIFORM TEST III Roundup-Ready, 2006

YIELD RANK

Strain	Yield Rank	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Manhattan KS	Ottawa KS
DKB34-51	1	2	4	9	3	9	6
DKB31-51	14	3	8	4	19	12	12
AG3203	13	1	6	7	17	16	9
DKB3852	17	7	14	18	10	12	5
CL02-122311	8	6	7	16	12	18	8
CL03-131161	19	15	11	15	14	10	20
K04-2203RR	5	19	10	10	7	12	2
K04-2347RR	15	20	17	12	9	3	14
K04-2686RR	11	18	8	5	13	7	16
K04-3703RR	18	16	20	19	3	4	18
K04-3720RR	9	14	17	17	8	2	3
K04-3737RR	16	12	19	20	1	4	4
NEX3205A0R	4	13	12	3	2	10	19
NEX3305B0R	6	11	2	11	5	8	7
NEX3605A0R	3	9	13	8	16	17	15
U03-430316	9	10	3	1	20	6	13
U03-824119	2	5	1	2	15	1	1
U03-824141	20	17	16	6	18	18	11
SS01-13372	7	4	4	13	6	20	17
SS01-14319	12	8	15	14	11	15	9

UNIFORM TEST III Roundup-Ready, 2006

YIELD RANK

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	DeWitt NE	Goehner NE	Tekamah NE
DKB34-51	7	11	4	1	17	2
DKB31-51	20	20	17	7	6	10
AG3203	19	18	11	6	14	5
DKB3852	1	19	20	14	13	12
CL02-122311	9	6	8	13	12	13
CL03-131161	17	14	18	18	18	16
K04-2203RR	5	4	2	12	7	4
K04-2347RR	13	5	5	11	10	20
K04-2686RR	18	13	15	16	3	6
K04-3703RR	6	2	12	20	15	14
K04-3720RR	14	7	3	9	8	9
K04-3737RR	4	8	16	10	19	3
NEX3205A0R	12	3	14	8	2	8
NEX3305B0R	11	10	9	15	4	7
NEX3605A0R	16	1	9	4	1	11
U03-430316	10	17	12	2	11	19
U03-824119	8	9	7	3	16	1
U03-824141	15	16	19	5	20	18
SS01-13372	3	12	1	19	5	15
SS01-14319	2	15	6	17	9	17

UNIFORM TEST III Roundup-Ready, 2006

MATURITY (date)

Strain	Mean 10 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Manhattan KS	Ottawa KS
DKB34-51	9/23	9/27	9/28	10/8	9/30	10/17	
DKB31-51	-2.2	-3	0	-1	-5	-5	
AG3203	-2.5	-4	1	1	-5	-3	
DKB3852	3.6	5	6	3	0	1	
CL02-122311	2.7	4	5	1	2	2	
CL03-131161	-0.7	-4	3	-3	-2	-1	
K04-2203RR	3.3	-2	6	3	1	-0	
K04-2347RR	2.5	-1	2	3	1	-2	
K04-2686RR	2.5	1	7	5	-1	-1	
K04-3703RR	4.1	5	5	0	2	0	
K04-3720RR	4.0	4	4	2	3	2	
K04-3737RR	3.1	5	4	-2	-1	1	
NEX3205A0R	-1.0	-2	-1	-3	-2	-2	
NEX3305B0R	-1.7	-3	-1	-3	-3	-3	
NEX3605A0R	2.0	0	5	3	-1	1	
U03-430316	-2.1	-4	-1	-3	-5	-3	
U03-824119	1.7	1	6	1	-1	2	
U03-824141	-2.3	-5	-4	-1	-2	-2	
SS01-13372	3.3	5	8	3	-2	3	
SS01-14319	2.9	4	7	4	1	3	
Date Planted	5/18	5/9	5/10	5/28	5/24	6/21	6/8
Days to Mature	128	141	141	133	129	118	

UNIFORM TEST III Roundup-Ready, 2006

MATURITY (date)

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	DeWitt NE	Goehner NE	Tekamah NE
DKB34-51	9/20	8/25	8/26	9/25	9/30	
DKB31-51	-3	-4	-2	1	0	
AG3203	-5	-4	-2	-1	-3	
DKB3852	3	5	9	0	3	
CL02-122311	1	5	4	0	3	
CL03-131161	-2	4	1	-1	-2	
K04-2203RR	4	9	4	3	5	
K04-2347RR	3	9	5	0	5	
K04-2686RR	4	4	3	5	-1	
K04-3703RR	4	14	5	4	2	
K04-3720RR	4	7	7	3	4	
K04-3737RR	5	9	4	2	4	
NEX3205A0R	4	2	-2	-1	-3	
NEX3305B0R	-1	0	-2	-1	0	
NEX3605A0R	0	10	0	1	1	
U03-430316	-1	-1	-2	0	-2	
U03-824119	0	9	0	0	-1	
U03-824141	-4	1	-1	-2	-3	
SS01-13372	1	6	5	3	2	
SS01-14319	1	2	5	0	3	
Date Planted	5/8	4/18	4/27	5/18	5/26	5/26
Days to Mature	135	129	121	130	127	

UNIFORM TEST III Roundup-Ready, 2006

LODGING (score)

Strain	Mean 10 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Manhattan KS	Ottawa KS
DKB34-51	1.6	2.0	1.0	1.0	2.0	1.7	2.0
DKB31-51	1.3	1.7	1.0	1.0	1.0	1.0	1.0
AG3203	1.2	1.5	1.0	1.0	1.0	1.3	1.0
DKB3852	1.3	1.5	1.0	1.0	1.7	1.0	1.3
CL02-122311	1.8	1.7	1.0	1.3	2.7	1.7	2.0
CL03-131161	1.5	2.5	1.0	1.0	1.3	1.0	1.7
K04-2203RR	1.6	1.8	1.0	1.0	2.3	1.3	1.0
K04-2347RR	2.2	2.2	1.2	2.0	3.0	3.0	2.3
K04-2686RR	1.8	2.7	1.2	1.7	2.0	1.0	2.0
K04-3703RR	1.7	1.5	1.0	1.0	2.0	2.0	2.0
K04-3720RR	1.9	1.7	1.0	1.0	2.7	1.7	2.0
K04-3737RR	1.7	1.7	1.0	1.0	2.7	1.3	2.0
NEX3205A0R	1.8	2.3	1.0	1.2	2.0	2.0	1.7
NEX3305B0R	1.4	1.5	1.0	1.0	1.7	2.0	1.0
NEX3605A0R	1.3	1.5	1.0	1.0	2.3	1.0	1.0
U03-430316	1.3	1.3	1.0	1.0	1.3	1.7	1.3
U03-824119	1.3	1.7	1.0	1.0	1.3	2.0	1.0
U03-824141	1.5	1.7	1.0	1.0	2.0	2.0	2.0
SS01-13372	1.9	2.3	1.0	1.0	2.3	2.3	1.7
SS01-14319	1.8	2.2	1.0	1.3	2.3	1.7	2.3

UNIFORM TEST III Roundup-Ready, 2006

LODGING (score)

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	DeWitt NE	Goehner NE	Tekamah NE
DKB34-51	1.5	1.0	1.0		3.0	
DKB31-51	1.0	1.0	1.0		3.0	
AG3203	1.0	1.0	1.0		2.0	
DKB3852	1.0	1.0	1.5		2.0	
CL02-122311	1.0	2.0	1.5		3.5	
CL03-131161	1.0	1.0	1.0		3.5	
K04-2203RR	1.0	1.5	1.5		4.0	
K04-2347RR	1.0	2.0	1.5		4.0	
K04-2686RR	1.0	1.5	1.0		4.0	
K04-3703RR	1.0	1.5	1.0		3.5	
K04-3720RR	1.0	2.0	1.5		4.0	
K04-3737RR	1.0	1.5	1.0		4.0	
NEX3205A0R	1.5	1.5	1.5		3.0	
NEX3305B0R	1.0	1.5	1.0		2.5	
NEX3605A0R	1.0	1.0	1.0		2.5	
U03-430316	1.0	1.0	1.0		2.5	
U03-824119	1.0	1.0	1.0		2.5	
U03-824141	1.5	1.0	1.0		2.0	
SS01-13372	2.0	1.5	1.0		4.0	
SS01-14319	1.0	1.5	1.0		4.0	

UNIFORM TEST III Roundup-Ready, 2006

PLANT HEIGHT (inches)

Strain	Mean 10 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Manhattan KS	Ottawa KS
DKB34-51	35	41	41	40	45	34	34
DKB31-51	31	37	38	38	38	30	30
AG3203	32	36	37	40	39	32	29
DKB3852	34	39	40	39	43	36	32
CL02-122311	31	35	36	35	43	24	30
CL03-131161	35	44	43	42	45	33	33
K04-2203RR	34	37	38	41	43	33	31
K04-2347RR	35	41	38	40	46	32	34
K04-2686RR	36	43	43	39	45	35	35
K04-3703RR	37	44	43	42	47	34	34
K04-3720RR	37	42	44	44	47	35	34
K04-3737RR	36	41	40	41	46	33	34
NEX3205A0R	35	39	40	40	43	31	33
NEX3305B0R	32	38	36	36	43	29	29
NEX3605A0R	34	39	39	41	46	32	31
U03-430316	32	37	39	39	39	32	30
U03-824119	34	39	41	37	39	32	29
U03-824141	29	33	31	37	37	28	30
SS01-13372	34	40	38	39	45	30	31
SS01-14319	37	44	41	42	51	35	38

UNIFORM TEST III Roundup-Ready, 2006

PLANT HEIGHT (inches)

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	DeWitt NE	Goehner NE	Tekamah NE
DKB34-51	27	28	27		33	
DKB31-51	21	22	23		36	
AG3203	24	23	24		34	
DKB3852	28	20	24		40	
CL02-122311	24	21	25		35	
CL03-131161	27	25	25		36	
K04-2203RR	25	25	26		41	
K04-2347RR	26	27	28		41	
K04-2686RR	28	23	25		46	
K04-3703RR	30	29	27		43	
K04-3720RR	27	26	28		41	
K04-3737RR	29	23	26		43	
NEX3205A0R	27	27	28		38	
NEX3305B0R	27	24	21		33	
NEX3605A0R	27	28	22		37	
U03-430316	25	22	24		33	
U03-824119	30	36	22		35	
U03-824141	26	20	21		28	
SS01-13372	32	22	27		38	
SS01-14319	34	25	24		40	

UNIFORM TEST III Roundup-Ready, 2006

SEED SIZE (g/100)

Strain	Mean 11 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Manhattan KS	Ottawa KS
DKB34-51	13.8	15.6	13.2	14.1	18.0	16.0	2.0
DKB31-51	14.1	16.9	14.2	14.7	19.0	16.1	2.0
AG3203	13.2	15.4	13.6	14.2	16.8	15.3	2.0
DKB3852	12.3	14.2	12.2	12.5	15.3	15.2	2.0
CL02-122311	13.9	16.1	14.7	14.7	17.7	16.0	3.0
CL03-131161	13.2	14.0	13.8	14.4	16.4	14.5	4.0
K04-2203RR	14.6	15.5	14.7	14.5	18.7	17.0	2.0
K04-2347RR	12.6	12.4	12.0	13.9	17.0	15.0	2.0
K04-2686RR	10.3	11.3	9.8	12.0	13.9	12.2	1.0
K04-3703RR	12.4	14.0	12.3	11.6	15.7	14.9	2.0
K04-3720RR	13.4	15.5	11.9	12.6	17.4	17.0	2.0
K04-3737RR	12.3	14.1	10.2	11.0	17.5	15.1	2.0
NEX3205A0R	13.2	14.2	14.4	15.7	17.1	15.4	1.0
NEX3305B0R	13.5	14.7	13.8	13.7	18.4	16.3	2.0
NEX3605A0R	13.5	15.1	13.3	15.1	17.4	15.7	2.0
U03-430316	14.0	16.1	14.8	14.5	19.4	16.8	2.0
U03-824119	14.6	14.6	15.4	15.2	19.6	17.5	2.0
U03-824141	14.0	15.2	14.2	14.8	20.9	17.7	1.0
SS01-13372	12.6	14.4	13.4	13.5	15.4	15.7	2.0
SS01-14319	12.7	14.3	11.5	13.3	12.8	15.6	4.0

UNIFORM TEST III Roundup-Ready, 2006

SEED SIZE (g/100)

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	DeWitt NE	Goehner NE	Tekamah NE
DKB34-51	16.0	12.9	13.5	14.7		15.4
DKB31-51	16.0	11.8	12.3	15.4		16.8
AG3203	14.0	11.5	12.0	14.5		15.4
DKB3852	15.0	11.2	10.7	13.0		13.7
CL02-122311	16.0	13.1	11.7	14.5		15.6
CL03-131161	14.0	13.1	12.3	13.7		14.4
K04-2203RR	18.0	16.9	12.6	15.4		15.2
K04-2347RR	14.0	13.6	11.7	13.0		14.0
K04-2686RR	11.0	9.8	9.6	10.8		11.5
K04-3703RR	15.0	13.0	11.8	12.7		13.5
K04-3720RR	15.0	15.3	13.0	13.7		14.5
K04-3737RR	15.0	12.3	12.4	12.8		13.2
NEX3205A0R	14.0	12.5	11.9	14.2		15.3
NEX3305B0R	14.0	12.5	12.9	14.3		16.1
NEX3605A0R	14.0	13.6	11.7	14.7		15.4
U03-430316	16.0	11.5	13.2	14.3		15.4
U03-824119	16.0	14.4	13.1	16.3		16.9
U03-824141	13.0	13.5	12.9	15.1		15.5
SS01-13372	12.0	13.1	12.1	13.0		14.1
SS01-14319	13.0	13.6	15.0	13.2		13.6

UNIFORM TEST III Roundup-Ready, 2006

SEED QUALITY (score)

Strain	Mean 11 Tests	Urbana IL	Lafayette IN	Wanatah IN	Ashland KS	Manhattan KS	Ottawa KS
DKB34-51	3.3	2.0	1.0	1.0	2.0	2.0	15.9
DKB31-51	3.4	1.0	1.0	1.0	2.0	2.0	17.7
AG3203	3.3	1.0	1.0	1.0	2.0	2.0	16.3
DKB3852	3.3	2.0	1.0	1.0	2.0	2.0	16.1
CL02-122311	3.3	1.0	1.0	1.0	2.0	2.0	16.8
CL03-131161	3.6	2.0	1.0	1.0	2.0	3.0	15.5
K04-2203RR	3.8	2.0	1.0	1.0	3.0	2.0	18.2
K04-2347RR	3.4	2.0	1.0	1.0	3.0	2.0	15.3
K04-2686RR	2.9	1.0	1.0	1.0	2.0	2.0	12.3
K04-3703RR	3.4	2.0	1.0	1.0	2.0	2.0	15.5
K04-3720RR	3.5	2.0	1.5	1.0	2.0	2.0	16.6
K04-3737RR	3.4	2.0	1.0	1.0	2.0	2.0	15.7
NEX3205A0R	3.2	2.0	1.0	1.0	1.0	2.0	14.8
NEX3305B0R	3.4	1.0	1.0	1.0	3.0	2.0	16.1
NEX3605A0R	3.2	2.0	1.5	1.0	2.0	2.0	15.5
U03-430316	3.4	1.0	1.0	1.0	2.0	2.0	16.9
U03-824119	3.9	2.0	1.5	1.0	3.0	3.0	17.8
U03-824141	3.4	2.0	1.0	1.0	3.0	2.0	16.1
SS01-13372	3.1	2.0	1.0	1.0	1.0	2.0	15.7
SS01-14319	3.5	2.0	1.5	1.0	2.0	3.0	15.7

UNIFORM TEST III Roundup-Ready, 2006

SEED QUALITY (score)

Strain	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	DeWitt NE	Goehner NE	Tekamah NE
DKB34-51	1.5	4.0	3.0	2.0		2.0
DKB31-51	1.0	4.0	4.0	2.0		2.0
AG3203	1.5	4.0	4.0	2.0		1.5
DKB3852	1.0	3.0	3.0	3.0		2.0
CL02-122311	1.0	3.0	3.0	3.0		3.0
CL03-131161	2.0	4.0	4.0	2.5		2.5
K04-2203RR	2.0	4.0	3.0	3.0		3.0
K04-2347RR	2.0	3.0	4.0	2.0		2.5
K04-2686RR	1.5	3.0	4.0	2.5		2.0
K04-3703RR	1.5	4.0	4.0	2.0		2.0
K04-3720RR	1.0	4.0	3.0	3.0		2.0
K04-3737RR	1.0	4.0	4.0	3.0		2.0
NEX3205A0R	1.5	3.0	4.0	3.0		2.0
NEX3305B0R	1.0	4.0	3.0	3.0		2.0
NEX3605A0R	1.0	3.0	2.0			2.0
U03-430316	2.0	3.0	3.0	3.0		2.5
U03-824119	3.0	3.0	3.0	3.0		2.5
U03-824141	2.0	3.0	3.0	2.5		2.0
SS01-13372	1.0	4.0	2.0	2.0		2.0
SS01-14319	1.5	3.0	3.0	3.0		2.5

UNIFORM TEST III Roundup-Ready, 2006

PROTEIN (%)

Strain	Mean 6 Tests	Urbana IL	Lafayette IN	Wanatah IN	Manhattan KS	Columbia MO	DeWitt NE
DKB34-51	36.6	36.3	35.4	35.9	37.9	38.6	35.7
DKB31-51	36.1	35.3	35.3	35.4	36.2	38.7	35.5
AG3203	36.4	35.2	35.4	36.0	37.5	39.2	35.1
DKB3852	34.7	33.7	33.4	33.6	35.9	37.6	33.8
CL02-122311	36.9	36.2	35.6	36.2	37.5	39.1	36.5
CL03-131161	36.0	34.9	35.0	35.3	38.0	38.1	34.9
K04-2203RR	37.4	35.7	37.0	36.7	38.1	39.6	37.1
K04-2347RR	33.8	32.0	32.0	34.6	36.5	35.1	32.5
K04-2686RR	36.0	36.0	35.1	36.3	35.8	37.9	35.0
K04-3703RR	35.3	35.2	34.9	34.6	35.7	36.7	34.8
K04-3720RR	35.0	35.5	34.1	34.5	36.2	35.3	34.5
K04-3737RR	35.0	34.9	33.7	34.7	36.7	36.0	34.1
NEX3205A0R	36.2	35.4	36.8	35.5	37.6	36.0	36.1
NEX3305B0R	35.0	35.9	34.5	34.0	36.7	35.0	33.8
NEX3605A0R	37.0	35.8	36.5	36.2	38.0	39.7	35.9
U03-430316	35.0	34.5	34.0	33.8	36.2	38.2	33.1
U03-824119	35.6	34.8	35.8	34.1	36.5	37.4	35.1
U03-824141	33.7	32.8	34.1	32.7	36.2	34.9	31.2
SS01-13372	35.3	35.4	35.2	34.6	35.5	36.8	34.1
SS01-14319	37.3	36.4	36.2	37.0	37.9	40.1	35.9

* Protein and Oil values converted to 13% moisture basis.

UNIFORM TEST III Roundup-Ready, 2006

OIL (%)

Strain	Mean 6 Tests	Urbana IL	Lafayette IN	Wanatah IN	Manhattan KS	Columbia MO	DeWitt NE
DKB34-51	16.2	16.4	16.9	15.7	15.4	16.7	16.5
DKB31-51	17.6	17.5	18.3	16.9	17.3	18.6	16.9
AG3203	16.5	16.5	16.9	15.8	16.1	16.7	16.9
DKB3852	16.9	17.7	17.2	15.9	16.8	17.0	16.5
CL02-122311	16.3	15.9	16.9	16.1	15.9	16.7	16.2
CL03-131161	15.9	16.5	16.7	15.6	15.2	15.5	16.0
K04-2203RR	15.8	16.3	16.5	15.3	15.6	15.7	15.5
K04-2347RR	16.6	17.7	17.3	15.7	15.4	17.0	16.4
K04-2686RR	15.7	15.7	16.4	14.8	15.9	15.5	15.9
K04-3703RR	16.5	16.8	16.5	16.4	16.7	16.5	15.9
K04-3720RR	17.1	17.3	17.3	16.4	16.7	18.1	16.7
K04-3737RR	15.8	16.0	15.9	14.5	16.0	16.4	16.0
NEX3205A0R	16.7	16.8	16.1	16.5	16.3	18.0	16.4
NEX3305B0R	16.3	16.3	16.6	15.5	15.4	17.1	16.7
NEX3605A0R	16.2	16.8	16.5	15.8	15.9	15.6	16.2
U03-430316	17.0	17.5	17.3	17.1	16.8	16.3	17.3
U03-824119	16.5	16.7	16.7	16.2	16.6	16.6	16.4
U03-824141	18.0	18.4	17.8	17.8	16.2	19.3	18.7
SS01-13372	16.3	16.3	16.3	16.0	16.4	17.3	15.6
SS01-14319	15.1	15.6	15.5	14.3	15.2	14.9	15.3

Uniform Test IV Roundup-Ready, 2006

Ent.	Strain	Parentage	Previous Testing	Gen. Comp.	Unique Traits
1.	AG4201	na	2		RR
2.	DKB38-52	na	2		RR, SCN, Rps1-c
3.	MPV 457RR	na	2		RR, SCN
4.	AG4403	na	2		RR, SCN, Rps1-a
5.	K04-2460RR	LS97-1218 x K97-133	new	F5	
6.	K04-2999RR	SS94-7546 x K97-132	new	F5	
7.	K04-3072RR	SS94-7546 x K97-132	new	F5	
8.	K04-3687RR	U98-307917 x K97-132	new	F5	
9.	K04-3789RR	LN97-11505 x K97-133	new	F5	
10.	K04-3978RR	U96-2208 x K97-133	new	F5	
11.	MD 03-108 RR	HS93-4118 x Stressland(2) x Md 92-5850 x RR	new	F5	RR
12.	MD 03-113 RR	HS93-4118 x Md 92-5850(2) x RR	new	F5	RR
13.	MD 03-125 RR	Md 94-5463 x CORSICA (2) x RR	new	F5	RR
14.	SS01-13352	na	SCNIVRR	F6	RR, SCN
15.	SS01-17773	na	SCNIVRR	F7	RR, SCN

UNIFORM TEST IV Roundup-Ready, 2006

DESCRIPTIVE AND DISEASE DATA

Strain	Descriptive Code	Shattering			PR		PS	FE	SDS	
		Ashland KS	Manhattan KS	Ottawa KS	Race 4	Race 7	Lafayette a %	Lafayette a rx.	Carbondale IL DX	Carmi
AG4201 (IV)	WTTDYLtbfII	1.0	1.0	1.0	S	R*	2	S	23.5	11.1
DKB38-52	WGTDYLBfI	1.0	1.0	1.0	R*	R	0	S	3.0	5.0
MPV 457RR	WTBIYBII	1.0	1.0	1.0	R*	R*	0	S	16.5	7.4
AG4403	PTTIYBII	1.0	1.0	1.0	S	S	1	S	20.2	3.52
K04-2460RR	WTBDYBII	1.0	1.0	1.0	S	S	3	-	8.0	12.8
K04-2999RR	WTTDYBII	1.0	1.0	1.0	S	S	3	S	6.9	3.0
K04-3072RR	PTTDYBII	1.0	1.0	1.0	S	S	4	S	6.1	3.2
K04-3687RR	WTBDYBfI	1.0	1.0	1.0	S	S	5	S	5.4	3.0
K04-3789RR	WTBDYBII	1.0	1.0	1.0	S	S	3	S	15.6	3.5
K04-3978RR	WTBIYbfI	1.0	1.0	1.0	S	S	6	S	36.6	34.3
MD 03-108 RR	WLtTDYBII	1.0	1.0	1.0	S	S	9	S	5.0	0.6
MD 03-113 RR	PLtTDYBLi	1.0	1.0	1.0	S	R*	5	S	3.2	8.9
MD 03-125 RR	PTBDYLBfII	1.0	1.0	1.0	S	S	1	S	3.9	5.2
SS01-13352	PGTDYIbfI	1.0	1.0	1.0	S	S	4	-	3.0	3.5
SS01-17773	PGBDYIbfI	1.0	1.0	1.0	S	R*	5	-	13.7	3.3

PR: * = *P. sojae* inoc. Reaction NOT compatible with breeder's information about *Rps* Trait
PS: % seed discolored
FE: S = susceptible, - = lesions not detected, x = no data

UNIFORM TEST IV Roundup-Ready, 2006

REGIONAL SUMMARY

No. of Tests Strain	Yield	Rank	Maturity	Lodging	Plant	Seed	Seed	Composition	
	12 bu/a	12 No.	12 Date	13 Score	Height 13 In.	Size 12 g/100	Quality 11 Score	Protein 6 %	Oil 6 %
AG4201	51.6	1	9/29	1.5	36	15.6	2.0	35.8	17.0
DKB3852	50.1	3	-6.4	1.2	33	13.5	2.1	35.1	17.2
MPV 457RR	47.4	7	0.6	1.8	38	14.8	1.9	36.3	16.4
AG4403	50.3	2	1.1	1.5	38	13.1	1.9	35.0	17.3
K04-2460RR	45.3	11	-0.1	1.9	37	12.5	1.8	36.5	16.4
K04-2999RR	45.0	12	-6.7	1.8	35	13.8	2.4	36.8	16.8
K04-3072RR	43.8	14	-5.2	2.4	38	14.0	2.5	35.7	16.9
K04-3687RR	46.1	10	-0.6	2.1	39	13.5	2.0	36.4	17.1
K04-3789RR	47.0	8	-0.9	2.0	37	14.2	2.1	36.7	16.3
K04-3978RR	48.1	6	-2.4	2.1	38	15.4	2.0	36.3	16.7
MD 03-108 RR	44.9	13	-4.7	1.2	32	12.8	2.0	36.9	16.3
MD 03-113 RR	46.7	9	-6.1	1.2	34	12.5	2.0	36.7	16.6
MD 03-125 RR	38.9	15	-3.5	1.4	36	14.5	2.2	36.7	17.0
SS01-13352	49.7	4	-5.3	1.6	34	13.4	2.2	35.2	17.1
SS01-17773	48.2	5	-3.9	1.4	35	13.4	2.3	36.4	16.6

135.4 Days After Planting

UNIFORM TEST IV Roundup-Ready, 2006

YIELD (bu/a)

Strain	Mean 12 Tests	Belleville* IL	Harrisburg IL	Urbana IL	Lafayette IN	Ashland KS	Manhattan KS	Ottawa KS
AG4201	51.6	32.6	64.8	70.9	66.7	37.6	30.6	37.2
DKB3852	50.1	41.4	73.2	65.8	60.9	40.8	31.1	38.5
MPV 457RR	47.4	43.3	53.9	56.9	61.7	33.6	25.6	34.0
AG4403	50.3	41.4	59.8	61.6	58.8	36.1	29.6	36.1
K04-2460RR	45.3	45.4	48.6	56.2	39.5	36.5	28.7	36.3
K04-2999RR	45.0	44.4	47.5	54.9	51.4	45.5	33.5	36.7
K04-3072RR	43.8	39.2	48.8	61.2	36.4	42.4	33.7	33.8
K04-3687RR	46.1	42.7	49.7	53.4	46.8	44.0	30.0	36.1
K04-3789RR	47.0	45.2	52.1	59.2	51.6	39.5	33.0	35.8
K04-3978RR	48.1	40.8	40.1	57.5	64.5	49.9	34.4	34.2
MD 03-108 RR	44.9	32.8	58.3	61.1	55.3	42.7	31.3	31.9
MD 03-113 RR	46.7	29.7	52.5	58.1	50.1	46.1	31.4	33.6
MD 03-125 RR	38.9	39.4	39.2	50.7	46.9	32.6	24.9	32.4
SS01-13352	49.7	41.4	61.5	68.6	66.1	39.1	33.0	33.7
SS01-17773	48.2	40.1	61.5	60.7	59.0	37.0	28.9	35.0
C.V. (%)		16.9	10.3	5.0	10.6	4.6	6.0	4.6
L.S.D. (5%)		11.3	9.3	4.2	9.6	3.1	3.1	3.1
Row Sp. (In.)		30	30	30	26	30	30	30
Rows/Plot		4	4	4	4	4	4	4
Reps		3	3	3	3	3	3	3

*Data not included in mean.

UNIFORM TEST IV Roundup-Ready, 2006

YIELD RANK

Strain	Yield Rank	Belleville IL	Harrisburg IL	Urbana IL	Lafayette IN	Ashland KS	Manhattan KS	Ottawa KS
AG4201	1	14	2	1	1	10	9	2
DKB3852	3	7	1	3	5	7	7	1
MPV 457RR	7	4	7	11	4	14	14	10
AG4403	2	6	5	4	7	13	11	5
K04-2460RR	11	1	12	12	14	12	13	4
K04-2999RR	12	3	13	13	10	3	3	3
K04-3072RR	14	12	11	5	15	6	2	11
K04-3687RR	10	5	10	14	13	4	10	5
K04-3789RR	8	2	9	8	9	8	4	7
K04-3978RR	6	9	14	10	3	1	1	9
MD 03-108 RR	13	13	6	6	8	5	7	15
MD 03-113 RR	9	15	8	9	11	2	6	13
MD 03-125 RR	15	11	15	15	12	15	15	14
SS01-13352	4	7	3	2	2	9	4	12
SS01-17773	5	10	3	7	6	11	12	8

UNIFORM TEST IV Roundup-Ready, 2006

YIELD (bu/a)

Strain	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	Jackson TN
AG4201	58.5	54.2	44.9	63.5	57.6	32.6
DKB3852	63.1	54.3	37.5	55.3	48.6	31.8
MPV 457RR	54.8	50.7	38.0	71.2	58.1	30.8
AG4403	58.6	55.0	40.2	66.6	70.3	31.2
K04-2460RR	59.4	50.5	33.6	64.2	58.9	30.6
K04-2999RR	55.7	47.0	33.8	54.3	51.3	28.0
K04-3072RR	56.4	49.7	36.6	42.1	55.8	29.1
K04-3687RR	54.5	50.2	38.8	58.5	60.0	30.9
K04-3789RR	58.0	48.7	39.5	65.9	53.2	27.1
K04-3978RR	58.6	48.7	37.4	68.0	53.4	30.4
MD 03-108 RR	56.4	51.2	28.5	43.8	51.7	27.2
MD 03-113 RR	58.5	43.1	30.1	73.3	58.3	24.8
MD 03-125 RR	56.6	51.2	28.4	32.3	48.7	23.2
SS01-13352	56.3	52.4	37.4	56.5	61.4	30.7
SS01-17773	60.4	53.7	35.1	54.2	57.6	34.8
C.V. (%)	6.6	6.6	9.9	6.2	8.3	14.4
L.S.D. (5%)	5.3	5.6	4.9	6.0	7.8	7.1
Row Sp. (In.)	16	24	30	30	30	30
Rows/Plot	6	4	4	2	2	4
Reps	3	3	3	3	3	3

UNIFORM TEST IV Roundup-Ready, 2006

YIELD RANK

Strain	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	Jackson TN
AG4201	6	3	1	7	7	2
DKB3852	1	2	6	10	15	3
MPV 457RR	14	8	5	2	6	6
AG4403	4	1	2	4	1	4
K04-2460RR	3	9	12	6	4	8
K04-2999RR	13	14	11	11	13	11
K04-3072RR	10	11	9	14	9	10
K04-3687RR	15	10	4	8	3	5
K04-3789RR	8	12	3	5	11	13
K04-3978RR	4	12	7	3	10	9
MD 03-108 RR	10	6	14	13	12	12
MD 03-113 RR	6	15	13	1	5	14
MD 03-125 RR	9	6	15	15	14	15
SS01-13352	12	5	7	9	2	7
SS01-17773	2	4	10	12	7	1

UNIFORM TEST IV Roundup-Ready, 2006

MATURITY (date)

Strain	Mean 12 Tests	Belleville IL	Harrisburg IL	Urbana IL	Lafayette IN	Ashland KS	Manhattan KS	Ottawa KS
AG4201	9/29	9/24	9/29	10/4	10/13	10/9	10/21	
DKB3852	-6.4	-3	-8	-4	-8	-3	-5	
MPV 457RR	0.6	3	-4	0	2	1	1	
AG4403	1.1	2	0	3	4	0	1	
K04-2460RR	-0.1	3	-2	2	-6	0	0	
K04-2999RR	-6.7	-4	-10	-7	-11	-3	-2	
K04-3072RR	-5.2	-2	-5	-1	-10	-1	-0	
K04-3687RR	-0.6	2	-2	1	-3	-0	0	
K04-3789RR	-0.9	1	-4	0	-5	0	-1	
K04-3978RR	-2.4	0	-8	-2	-3	-5	-1	
MD 03-108 RR	-4.7	-3	-6	-1	-2	-3	-1	
MD 03-113 RR	-6.1	-2	-9	-6	-9	-5	-2	
MD 03-125 RR	-3.5	2	-6	-2	-8	-1	0	
SS01-13352	-5.3	-1	-5	-2	-7	-4	-2	
SS01-17773	-3.9	-2	-5	-2	-6	-3	-3	
Date Planted	5/17	5/23	5/22	5/9	5/9	6/7	6/21	6/8
Days to Mature	135	124	130	148	157	124	122	

UNIFORM TEST IV Roundup-Ready, 2006

LODGING (score)

Strain	Mean 13 Tests	Belleville IL	Harrisburg IL	Urbana IL	Lafayette IN	Ashland KS	Manhattan KS	Ottawa KS
AG4201	1.5	1.0	1.5	2.0	1.0	1.7	1.3	2.0
DKB3852	1.2	1.0	1.2	1.5	1.0	1.0	1.0	1.3
MPV 457RR	1.8	1.2	1.8	2.2	1.0	1.7	2.7	2.3
AG4403	1.5	1.0	1.5	2.0	1.0	1.3	1.7	1.7
K04-2460RR	1.9	1.0	2.2	2.2	1.7	2.3	2.3	2.0
K04-2999RR	1.8	1.0	2.3	2.3	1.5	1.7	2.3	2.0
K04-3072RR	2.4	1.0	3.2	3.0	1.8	2.7	3.7	3.0
K04-3687RR	2.1	1.0	2.3	2.0	1.8	2.7	2.0	2.7
K04-3789RR	2.0	1.0	2.2	2.2	1.2	2.0	2.3	2.0
K04-3978RR	2.1	1.0	2.3	2.0	1.3	2.0	2.7	3.0
MD 03-108 RR	1.2	1.0	1.2	1.7	1.0	1.7	1.0	1.0
MD 03-113 RR	1.2	1.0	1.0	1.7	1.0	1.7	1.3	1.0
MD 03-125 RR	1.4	1.0	1.8	2.0	1.0	1.3	1.0	2.0
SS01-13352	1.6	1.0	1.7	2.0	1.0	1.3	2.0	1.7
SS01-17773	1.4	1.0	1.3	1.7	1.0	1.7	1.7	1.7

UNIFORM TEST IV Roundup-Ready, 2006

MATURITY (date)

Strain	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	Jackson TN
AG4201	9/21	10/21	9/29	9/9	9/11	9/14
DKB3852	-4	-10	-7	-12	-8	-4
MPV 457RR	1	1	0	3	-3	3
AG4403	-2	-6	-1	4	2	5
K04-2460RR	1	-3	-1	4	-1	2
K04-2999RR	-3	-10	-9	-6	-11	-4
K04-3072RR	-1	-10	-7	-12	-9	-4
K04-3687RR	-3	-5	0	2	-2	2
K04-3789RR	3	-1	-2	0	-7	5
K04-3978RR	-1	-2	-4	2	-6	0
MD 03-108 RR	-3	-12	-8	-2	-9	-6
MD 03-113 RR	-4	-13	-7	-1	-11	-4
MD 03-125 RR	-2	-5	-3	-8	-6	-3
SS01-13352	-4	-10	-7	-6	-12	-4
SS01-17773	-4	-2	-6	-6	-8	0
Date Planted	5/5	5/16	5/8	4/18	4/27	5/17
Days to Mature	139	158	144	144	137	120

UNIFORM TEST IV Roundup-Ready, 2006

LODGING (score)

Strain	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	Jackson TN
AG4201	2.0	1.3	1.0	2.0	1.5	1.0
DKB3852	1.7	1.0	1.0	1.5	1.0	1.0
MPV 457RR	2.5	2.0	1.0	2.0	2.0	1.7
AG4403	2.0	1.7	1.0	2.0	2.0	1.0
K04-2460RR	2.3	2.5	1.0	2.5	2.0	1.0
K04-2999RR	2.7	2.2	1.0	1.5	1.0	1.7
K04-3072RR	3.0	3.0	1.5	1.5	1.5	2.0
K04-3687RR	2.7	2.3	1.0	3.0	1.5	1.7
K04-3789RR	2.8	2.8	1.5	3.0	2.0	1.0
K04-3978RR	2.7	2.8	1.5	2.5	1.5	1.3
MD 03-108 RR	1.7	1.2	1.0	1.5	1.0	1.0
MD 03-113 RR	1.3	1.0	1.0	1.5	1.0	1.0
MD 03-125 RR	2.2	1.8	1.0	1.0	1.0	1.0
SS01-13352	2.0	2.5	1.0	1.5	1.0	1.7
SS01-17773	1.5	1.3	1.0	1.5	1.5	1.3

UNIFORM TEST IV Roundup-Ready, 2006

PLANT HEIGHT (inches)

Strain	Mean 13 Tests	Belleville IL	Harrisburg IL	Urbana IL	Lafayette IN	Ashland KS	Manhattan KS	Ottawa KS
AG4201	36	26	41	46	45	42	39	34
DKB3852	33	26	39	39	39	45	34	33
MPV 457RR	38	32	43	46	47	45	38	39
AG4403	38	30	46	47	48	42	39	35
K04-2460RR	37	29	43	43	47	44	38	35
K04-2999RR	35	30	40	40	45	43	37	35
K04-3072RR	38	33	43	47	48	45	39	37
K04-3687RR	39	32	46	46	49	47	39	38
K04-3789RR	37	33	43	47	46	45	40	36
K04-3978RR	38	31	41	47	50	47	39	37
MD 03-108 RR	32	27	36	41	39	36	34	32
MD 03-113 RR	34	29	42	40	39	43	35	31
MD 03-125 RR	36	32	42	41	42	45	36	38
SS01-13352	34	29	39	42	42	41	35	33
SS01-17773	35	30	41	43	44	44	34	36

UNIFORM TEST IV Roundup-Ready, 2006

SEED SIZE (g/100)

Strain	Mean 12 Tests	Belleville IL	Harrisburg IL	Urbana IL	Lafayette IN	Ashland KS	Manhattan KS	Ottawa KS
AG4201	15.6	14.5		17.2	14.2	15.0	16.9	19.1
DKB3852	13.5	12.8		14.9	12.9	14.3	14.7	16.2
MPV 457RR	14.8	13.4		16.0	14.6	15.1	16.6	17.0
AG4403	13.1	12.6		14.8	12.3	13.7	14.3	15.5
K04-2460RR	12.5	11.8		12.9	11.0	13.9	15.0	15.4
K04-2999RR	13.8	13.6		14.6	13.3	14.2	14.7	15.5
K04-3072RR	14.0	13.2		15.3	10.7	15.7	16.4	16.8
K04-3687RR	13.5	12.8		13.9	12.3	14.2	16.1	15.9
K04-3789RR	14.2	13.7		14.9	12.4	15.3	16.6	16.8
K04-3978RR	15.4	15.0		15.5	15.5	15.7	17.1	17.6
MD 03-108 RR	12.8	11.3		13.4	10.9	13.1	14.6	14.7
MD 03-113 RR	12.5	10.7		11.9	10.1	15.0	14.8	13.8
MD 03-125 RR	14.5	13.6		14.0	11.3	18.2	16.5	18.1
SS01-13352	13.4	12.7		13.8	12.3	14.9	14.8	15.3
SS01-17773	13.4	13.5		14.1	12.2	15.8	14.2	16.6

UNIFORM TEST IV Roundup-Ready, 2006

PLANT HEIGHT (inches)

Strain	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	Jackson TN
AG4201	42	31	30	26	32	32
DKB3852	39	28	31	26	25	30
MPV 457RR	45	34	34	30	31	34
AG4403	42	31	28	30	34	36
K04-2460RR	43	32	32	26	35	36
K04-2999RR	37	30	27	25	30	32
K04-3072RR	43	32	34	27	29	37
K04-3687RR	44	33	36	30	31	37
K04-3789RR	42	35	33	29	30	27
K04-3978RR	45	34	32	32	31	33
MD 03-108 RR	35	27	28	25	26	28
MD 03-113 RR	39	27	27	27	28	31
MD 03-125 RR	42	34	27	25	29	31
SS01-13352	39	31	28	24	25	31
SS01-17773	42	32	28	26	26	30

UNIFORM TEST IV Roundup-Ready, 2006

SEED SIZE (g/100)

Strain	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	Jackson TN
AG4201	16.1	18.2	14.0	14.8	12.2	15.0
DKB3852	12.3	14.4	15.0	10.3	12.2	12.0
MPV 457RR	13.5	17.4	16.0	13.6	11.0	13.3
AG4403	11.9	14.3	13.0	11.3	11.3	11.7
K04-2460RR	12.5	13.2	13.0	10.5	10.1	11.0
K04-2999RR	13.9	15.0	14.0	13.2	11.4	12.3
K04-3072RR	14.7	14.9	15.0	11.6	11.6	12.3
K04-3687RR	12.8	15.2	14.0	10.5	12.3	11.7
K04-3789RR	14.0	16.6	13.0	13.2	12.3	11.7
K04-3978RR	15.7	17.6	16.0	14.5	11.5	13.0
MD 03-108 RR	15.9	13.3	13.0	10.4	12.3	11.0
MD 03-113 RR	12.4	12.6	13.0	12.2	12.6	11.3
MD 03-125 RR	15.0	16.4	16.0	12.0	10.8	12.7
SS01-13352	13.5	14.2	15.0	10.9	11.8	12.0
SS01-17773	12.2	14.1	15.0	10.5	10.5	12.7

UNIFORM TEST IV Roundup-Ready, 2006

SEED QUALITY (score)

Strain	Mean 11 Tests	Belleville IL	Harrisburg IL	Urbana IL	Lafayette IN	Ashland KS	Manhattan KS	Ottawa KS
AG4201	2.0	1.0		2.0	1.5	3.0	2.0	2.0
DKB3852	2.1	1.0		2.0	1.0	3.0	2.0	3.0
MPV 457RR	1.9	1.0		2.0	1.0	2.0	2.0	2.0
AG4403	1.9	1.0		2.0	1.5	2.0	2.0	1.0
K04-2460RR	1.8	1.0		3.0	1.5	2.0	2.0	1.0
K04-2999RR	2.4	1.0		3.0	2.0	3.0	1.0	2.0
K04-3072RR	2.5	1.0		2.0	1.5	4.0	2.0	3.0
K04-3687RR	2.0	1.0		2.0	1.0	3.0	1.0	2.0
K04-3789RR	2.1	1.0		2.0	1.0	4.0	2.0	2.0
K04-3978RR	2.0	1.0		2.0	1.0	2.0	2.0	2.0
MD 03-108 RR	2.0	1.0		2.0	1.5	3.0	1.0	2.0
MD 03-113 RR	2.0	2.0		2.0	1.0	2.0	1.0	2.0
MD 03-125 RR	2.2	1.0		2.0	1.0	3.0	2.0	1.0
SS01-13352	2.2	1.0		2.0	1.5	4.0	1.0	2.0
SS01-17773	2.3	1.0		2.0	1.5	3.0	2.0	3.0

UNIFORM TEST IV Roundup-Ready, 2006

SEED QUALITY (score)

Strain	Lexington KY	Queenstown MD	Columbia MO	Portageville (Clay) MO	Portageville (Loam) MO	Jackson TN
AG4201	1.0	2.0		3.0	3.0	1.7
DKB3852	1.0	1.5		3.0	3.0	2.3
MPV 457RR	1.0	2.8		4.0	2.0	1.3
AG4403	1.0	1.8		4.0	4.0	1.0
K04-2460RR	1.0	1.8		4.0	2.0	1.0
K04-2999RR	2.0	2.8		5.0	2.0	2.3
K04-3072RR	1.0	2.3		5.0	3.0	3.0
K04-3687RR	2.0	2.2		4.0	2.0	1.3
K04-3789RR	1.0	1.8		4.0	3.0	1.3
K04-3978RR	2.0	1.8		4.0	2.0	2.0
MD 03-108 RR	1.0	1.8		3.0	3.0	3.0
MD 03-113 RR	1.0	1.5		4.0	4.0	2.0
MD 03-125 RR	1.0	2.0		5.0	3.0	2.7
SS01-13352	1.0	2.2		3.0	4.0	2.3
SS01-17773	2.0	1.8		4.0	4.0	1.3

UNIFORM TEST IV Roundup-Ready, 2006

PROTEIN (%)

Strain	Mean 6 Tests	Urbana IL	Lafayette IN	Ashland KS	Lexington KY	Portageville (Loam) MO	Jackson TN
AG4201	35.8	35.9	36.7	37.0	34.5	35.0	35.6
DKB3852	35.1	34.1	34.5	35.9	34.5	36.9	35.0
MPV 457RR	36.3	36.4	36.0	37.8	35.9	35.2	36.6
AG4403	35.0	35.3	35.6	35.9	35.4	33.2	34.7
K04-2460RR	36.5	36.4	36.2	37.4	35.8	36.5	36.7
K04-2999RR	36.8	35.9	37.7	37.9	35.9	36.0	37.1
K04-3072RR	35.7	35.6	35.2	37.1	35.4	35.3	35.7
K04-3687RR	36.4	36.4	38.0	37.7	35.6	35.1	35.4
K04-3789RR	36.7	36.8	37.0	38.0	35.9	36.9	35.8
K04-3978RR	36.3	35.7	37.2	37.0	35.3	35.4	37.1
MD 03-108 RR	36.9	36.6	36.5	38.4	35.2	37.4	37.3
MD 03-113 RR	36.7	35.9	36.1	36.9	36.5	37.3	37.3
MD 03-125 RR	36.7	36.1	35.3	37.2	36.6	37.6	37.6
SS01-13352	35.2	34.8	35.8	36.9	34.3	34.1	35.4
SS01-17773	36.4	36.2	37.8	36.7	35.9	35.5	36.5

* Protein and Oil values converted to 13% moisture basis.

UNIFORM TEST IV Roundup-Ready, 2006

OIL (%)

Strain	Mean 6 Tests	Urbana IL	Lafayette IN	Ashland KS	Lexington KY	Portageville (Loam) MO	Jackson TN
AG4201	17.0	16.0	15.8	15.0	17.5	18.4	19.0
DKB3852	17.2	17.3	16.5	15.1	17.8	17.4	19.3
MPV 457RR	16.4	15.6	15.9	14.3	16.1	18.9	17.4
AG4403	17.3	16.4	15.9	15.1	17.2	19.8	19.3
K04-2460RR	16.4	15.8	15.4	14.6	17.1	17.7	17.8
K04-2999RR	16.8	16.9	15.9	13.9	16.8	17.5	19.6
K04-3072RR	16.9	16.4	15.5	15.1	17.0	18.0	19.2
K04-3687RR	17.1	16.0	15.1	15.1	17.7	19.4	19.4
K04-3789RR	16.3	16.0	15.6	14.5	16.6	18.2	17.1
K04-3978RR	16.7	16.3	15.3	15.4	16.6	18.8	17.9
MD 03-108 RR	16.3	15.8	15.3	13.7	17.0	17.5	18.3
MD 03-113 RR	16.6	16.4	15.4	14.5	17.2	17.4	18.9
MD 03-125 RR	17.0	16.7	16.9	14.9	17.3	17.9	18.4
SS01-13352	17.1	16.6	15.7	15.1	17.2	19.0	19.0
SS01-17773	16.6	16.2	15.1	15.7	16.7	17.7	18.2